



Tools



French manufacturer
since 1964

Chargers, Boosters & Starters

2
0
2
3

CHARGER
BSU
BOOSTER
STARTER
TESTER
JUMPER CABLE
ACCESSORIES





800 people



125 000 000



55 000 m²
2 factories



visit with
 Youtube

INVEST IN THE FUTURE

FR

Créé en 1964, GYS est un groupe industriel français regroupant plus de 800 collaborateurs dans le monde. Fort d'un centre de recherche de premier plan, GYS est un acteur majeur dans la conception et la fabrication d'équipements de soudage, de chargeurs de batteries et de systèmes de réparation carrosserie.

Les nouvelles réalités du marché sont en perpétuel changement et la taille de notre entreprise familiale nous impose une adaptation rapide aux nouveaux contextes et à leurs enjeux.

Nous sommes convaincus que notre avenir est étroitement lié à celui de nos clients. Pour cela, nous mettons tout en oeuvre pour comprendre ce que les distributeurs et les utilisateurs attendent de nous, savoir à quels défis ils font face et voir dans quelle mesure nous pouvons leur permettre de les relever afin de devenir et rester leur partenaire privilégié pour le chemin que nous avons à parcourir ensemble.

DE

GYS wurde 1964 gegründet und ist ein französisches Familienunternehmen mit mehr als 900 Mitarbeitern auf der ganzen Welt. Dank eines erstklassigen Forschungszentrums ist GYS ein wichtiger Akteur in der Entwicklung und Herstellung von Schweißgeräten, Batterieladegeräten und Karosseriereparatursystemen.

Neue Marktbedingungen sind in fortwährender Veränderung und die Größe unseres Familienunternehmens veranlasst eine rasche Anpassung an neue Umstände und an ihre Herausforderungen.

Wir sind überzeugt, dass unsere Zukunft eng mit der unserer Kunden verbunden ist. Dafür setzen wir all unser Können ein, um zu verstehen, was die Händler und Anwender von uns erwarten, welchen Herausforderungen sie gegenüberstehen und um zu schauen, in welchem Maße wir sie unterstützen können, damit wir ihr bevorzugter Partner werden und bleiben auf dem Weg, den wir gemeinsam beschreiten.

IT

Nato nel 1964, GYS è un gruppo industriale francese che raggruppa oltre 800 collaboratori nel mondo. Forte di un centro di ricerca di grande importanza, GYS è uno dei maggiori protagonisti nella progettazione e fabbricazione di apparecchiature per la saldatura e il taglio, di caricabatterie booster e avviatori e sistemi di riparazione delle carrozzerie.

Le realtà del mercato sono in continuo cambiamento e richiedono risposte immediate. Le dimensioni della nostra impresa familiare consentono un adattamento rapido ai nuovi contesti e alle loro problematiche.

Siamo convinti che il nostro futuro sia strettamente legato a quello dei nostri clienti. Per questo noi mettiamo il massimo impegno per capire quello che i distributori e i loro clienti/utilizzatori si aspettano da noi, quali sfide devono affrontare e come possiamo aiutarli per farli crescere, per diventare e restare loro partner di riferimento per proseguire insieme sul cammino del successo.

Created in 1964, GYS is a French industrial group with 800+ employees around the world. Built around continuous investment in Research & Development and in the acquisition of knowledge, the company is now a major player in the design and manufacture of welding machines, battery chargers and car body repair equipment.

“ The market realities are constantly changing and the size of our family business requires us to quickly adapt to new contexts and new challenges.

We are convinced that our future is closely linked to the future of our partners. This is why we do everything in our power to understand what distributors and users expect from us and what challenges they face every day. To support them in facing these challenges, we wish to become and remain their privileged partner on the path we will travel together. ”

Bruno Bouygues,
C.E.O.

Nicolas & Bruno
Bouygues

A worldwide coverage

125 countries



GYS FRANCE
Laval

🕒 1964
👥 x 550



GYS GERMANY
Aachen

🕒 2006
👥 x 80



GYS U.K.
Rugby

🕒 2008
👥 x 40



GYS CHINA
Shanghai

🕒 2004
👥 x 100



GYS ITALIA
Venezia

🕒 2015
👥 x 25



GYS IBERICA
Madrid

🕒 2022
👥 x 10

Partners



GYS ACADEMY

Training centre dedicated
to professionals

Centre de formation agréé

Trainingcenter für Profis

Centro di formazione dedicato
ai professionisti

Ref. 52 53 0068153

 **Advanced
R&D**

 **× 90**



Metal work
Tôlerie
Blechbearbeitung



Painting & marking
Peinture & marquage
Lackierstraße



Electronics
Électronique
Elektronik



Mechanical
Mécanique
CNC-Bearbeitung

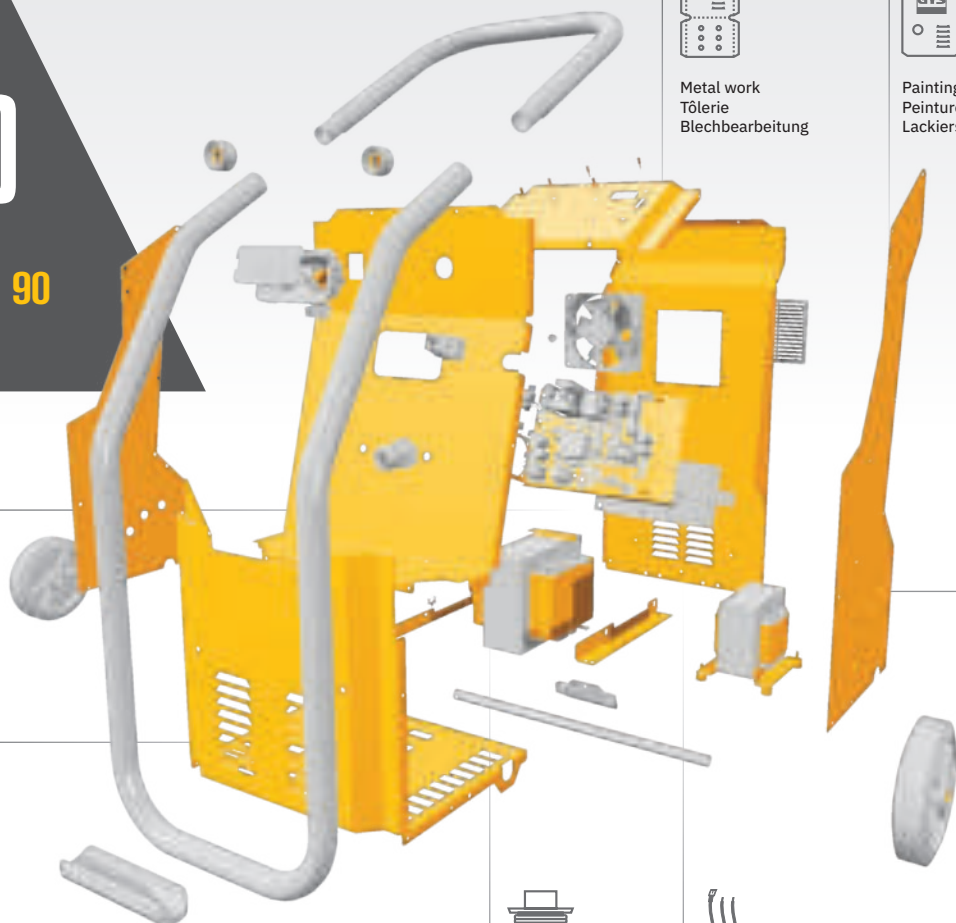


Transformers
Transformateurs
Transformatoren



Cable work
Filerie
Kabelkonfektionierung

Assembly
Montage/tests
Montage



3 catalogues

3 200+ references



Welding
& Cutting



Car Body
Welding
Systems



Chargers,
Boosters
& Starters

CHARGERS

6 - 12 - 24 - 36 - 48 V

Smart HF



GYSFLASH (Pb)
p.6



GYSFLASH
LITHIUM (LiFePO₄)
p.9



GYSFLASH PL
(Pb/LiFePO₄/Li-ion)
p.10

Connectors p.14
Selection p.15

ON BOARD



GYSFLASH /
GYSPower /
ENERGYS
p.16

BSU



GYSFLASH PRO
p.18



CNT Modules
p.26

Accessories p.30

Chargers



ARTIC
p.32



ENERGY & TCB
p.33



CT, CA & WATTMATIC
p.34



BATIUM
p.36

STARTERS & CHARGERS

12 - 24 V



START & NEOSTART
p.38



STARTIUM
p.40



DIAGSTARTIUM
p.41



STARTFLASH
p.42



BOOSTERS

6 - 12 - 24 V

Traditional (Pb/Lead)



GYSPACK
p.44



GYSPACK PRO
p.47



STARTPACK
TRUCK
p.48



STARTPACK
p.49



ENERGYSTATION
p.51

Selection
p.52

12 - 24 V

Lithium inside



NOMAD POWER & POWER PRO
p.54

12 - 24 V

Super capacitors inside



STARTRONIC
p.56



GYSCAP
p.57



TESTERS

12 - 24 V



TBP, BT, PBT
p.58



ACCESSORIES



Power inverter
p.62



Power Pack
p.65



Jumper cables
p.66



EV charging



Clamps &
consumables
p.68



Accessories
p.69



Working lights
p.70



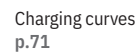
MORE



NATO/OTAN selection
p.53



Traction selection
p.53



Charging curves
p.71



Marketing
p.71

100%

in house
production

www.gys.fr



GYSFLASH TECHNOLOGY



Mémorisation des réglages. Redémarrage automatique en cas de coupure électrique.

Save and load settings. Automatic restart in case of power cut.

Einstellungsspeicherung. Automatisches Starten nach einem Netzausfall.



Start/stop Engine :

Compatible véhicules Start/Stop.

Compatible with Start/Stop vehicles.

Geeignet für START-STOP- Fahrzeuge.



Can bus ready : compatible avec la technologie Can Bus, le Gysflash se branche directement sur la prise 12 V de la moto (câble en option).

Can Bus ready: compatible with Can Bus Technology, the Gysflash can be connected to the motorcycle 12V socket (cable is optional).

Can-Bus Ready: Mit der Can-Bus Technologie kompatibel. Das GYSFLASH wird direkt an den 12V-Anschluss des Motorrads angeschlossen (Kabel optional).



Auto Recovery : Récupération des éléments des batteries profondément déchargées (mini 2V) et/ou sulfatées.

Auto Recovery : Recovers deeply discharged (min 2V) and/or sulfated batteries.

Auto Recovery: Wiederherstellung der Zellen bei tiefentladenen bzw. sulfatierten Batterien (min. 2V).



Mode "Cold charge": optimisation des performances en cas de temps froid ou de gel.

"Cold charge" mode: performance-enhancing charging mode for cold or freezing weather conditions.

-Cold Charge--Modus: Leistungsoptimierung bei kaltem Wetter oder bei Frost.



Équipé d'un capteur haute sensibilité, le Gysflash ajuste automatiquement les paramètres de charge en fonction de la température ambiante.

Fitted with a highly sensitive sensor, Gysflash automatically adjusts the charge based on ambient temperature.

Ausgestattet mit einem hochempfindlichen Sensor stellt das GYSFLASH automatisch die Ladeparameter der Umgebungstemperatur entsprechend ein.



Source d'énergie : mode de maintien optimal de l'état de charge. Idéal pour les véhicules en hivernage, de démonstration, ou pour le remplacement de batterie.

Power supply mode: Optimum floating charge, ideal for use during battery change to protect vehicle memory. Also for when the vehicle is not in use for extended periods or for demonstration use.

Energiequelle: Aufrechterhaltung des Batteriezustands. Ideal für Saison-, Ausstellungsfahrzeuge oder bei Batteriewechsel.



GYSFLASH

CHARGERS Pb

SMART HF INVERTER

**BEST
SELLER**

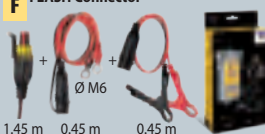


GYSFLASH 1.12

1 A



F FLASH Connector



1.45 m 0.45 m 0.45 m
029361
UK: 029514

GYSFLASH 4.12 & 4.12S

0.8/4 A



F FLASH Connector



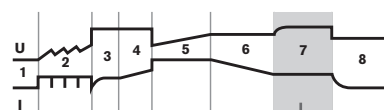
4.12
029422
UK: 029521

4.12S (110 V)
JP: 069190
US: 072701
BR: 072817

SMART CHARGE

7 STEP / 8 STEP

1. Status analysis
2. Recovery
3. Test desulfation
4. Desulfation
5. Fast charge 80%
6. Absorption
7. Refresh (for "8 step" only)
8. Floating 100%



Rééquilibrage des cellules de la batterie pour plus de longévité (suivant modèle).
Rebalancing of the battery cells for greater longevity (not available on all models).
Regenerierung der Batteriezellen für eine längere Lebensdauer (je nach Modell).

110 V



GYSFLASH 4.12 S
GYSFLASH 1.12 PL S



**DISPLAY
BOX**

**GYSFLASH
4.12
x 5**

026001





WATER PROTECTION

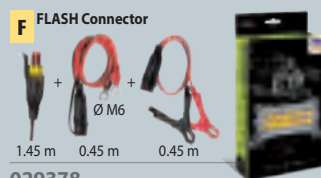
GYSFLASH
1.12, 4.12, 6.12, 8.12, 12.12,
6 HERITAGE, 6.24, 9.24, 1.12 PL,
8.12 PL, 6.24 PL, 3.48 PL,
1.12 Lithium, 6.12 Lithium



12V

GYSFLASH 6.12

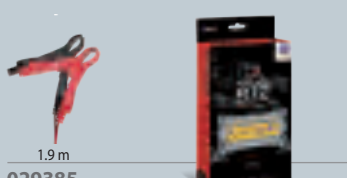
0.8/6 A



029378
029613

GYSFLASH 8.12

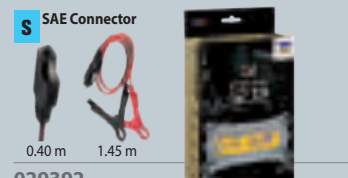
8 A



029385
029545

GYSFLASH 12.12

12 A



029392
029552

	50/60 Hz		Power	I _{charge}	V	Charge	Maintenance	Z _z	Ondulation/ Ripple	Charging curve		IP		
GYSFLASH 1.12	220-240 V AC	1 m	18 W	1 A	12 V	2 > 32 Ah	2 > 100 Ah	<0.4 Ah/month	<150 mV Rms	IUoU	7 steps	IP 65	0.44 kg	130 × 80 × 38 mm
GYSFLASH 4.12	220-240 V AC	2 m	70 W	0.8/4 A	12 V	1.2 > 90 Ah	1.2 > 130 Ah	<0.4 Ah/month	<150 mV Rms	IUoU	7 steps	IP 65	0.69 kg	170 × 90 × 51 mm
GYSFLASH 4.12S	100-127 V AC													
GYSFLASH 6.12	220-240 V AC	2 m	90 W	0.8/6 A	12 V	1.2 > 125 Ah	1.2 > 170 Ah	<0.4 Ah/month	<150 mV Rms	IUoU	8 steps	IP 65	0.77 kg	190 × 100 × 52 mm
GYSFLASH 8.12	220-240 V AC	2 m	130 W	8 A	12 V	15 > 160 Ah	15 > 240 Ah	<0.4 Ah/month	<150 mV Rms	IUoU	8 steps	IP 65	0.85 kg	190 × 100 × 52 mm
GYSFLASH 12.12	220-240 V AC	2 m	195 W	12 A	12 V	20 > 250 Ah	20 > 330 Ah	<0.4 Ah/month	<100 mV Rms	IUoU	8 steps	IP 65	1.1 kg	221 × 111 × 58 mm



GYSFLASH

CHARGERS Pb

SMART HF INVERTER

YouTube



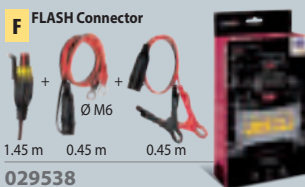
PLAYLIST
GYSFLASH



HERITAGE • 6/12V

GYSFLASH 6 HERITAGE

0.8/6 A



029538



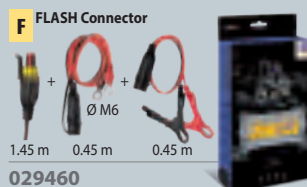
6/12/24V

GYSFLASH 6.24

0.8/6 A



7 STEP



029460

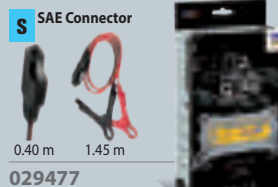
UK: 029644

GYSFLASH 9.24

9 A



8 STEP



029477

UK: 029651

			Power	I _{charge}					Ondulation/Ripple	Charging curve		IP		
GYSFLASH 6 HERITAGE	50 / 60 Hz	2 m	90 W	0,8/6 A	6/12 V	1.2 > 125 Ah	1.2 > 170 Ah	<0.4 Ah / month	<150 mV Rms	IUoU	8 steps	IP 65	0.77 kg	190 × 100 × 52 mm
GYSFLASH 6.24	220-240 V AC	2 m	130 W	0.8/6 A 0,8/4 A	6/12 V 24 V	1.2 > 125 Ah 1.2 > 100 Ah	1.2 > 170 Ah 1.2 > 140 Ah	<0.4 Ah / month	<150 mV Rms	IUoU	7 step	IP 65	0.85 kg	190 × 100 × 52 mm
GYSFLASH 9.24	220-240 V AC	2 m	190 W	9 A 6 A	6/12 V 24 V	18 > 220 Ah 15 > 125 Ah	18 > 300 Ah 15 > 170 Ah	<0.4 Ah / month	<100 mV Rms	IUoU	8 step	IP 65	1.1 kg	221 × 111 × 58 mm

GYSFLASH TECHNOLOGY



Mémorisation des réglages. Redémarrage automatique en cas de coupure électrique.

Save and load settings. Automatic restart in case of power cut.

Einstellungsspeicherung. Automatisches Starten nach einem Netzausfall.



Start/stop Engine :

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Compatible with Start/Stop vehicles.

Geeignet für START-STOP- Fahrzeuge.



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Auto Recovery : Récupération des éléments des batteries profondément déchargées (mini 2V) et/ou sulfatées.

Auto Recovery : Recovers deeply discharged (min 2V) and/or sulfated batteries.

Auto Recovery: Wiederherstellung der Zellen bei tiefentladenen bzw. sulfatierten Batterien (min. 2V).



Équipé d'un capteur haute sensibilité, le Gysflash ajuste automatiquement les paramètres de charge en fonction de la température ambiante.

Fitted with a highly sensitive sensor, Gysflash automatically adjusts the charge based on ambient temperature.

Ausgestattet mit einem hochempfindlichen Sensor stellt das GYSFLASH automatisch die Ladeparameter der Umgebungstemperatur entsprechend ein.



GYSFLASH LITHIUM

LiFePO₄



9

GYSFLASH LITHIUM

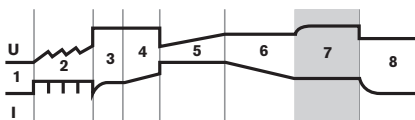
SMART HF INVERTER CHARGERS

SMART CHARGE

7 STEP / 8 STEP / 8 STEP LiFePO₄

Pb

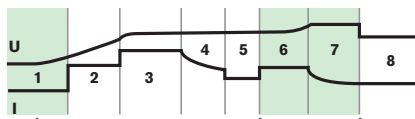
1. Status analysis
2. Recovery
3. Test desulfation
4. Desulfation
5. Fast charge 80%
6. Absorption
7. Refresh (for "8 step" only)
8. Floating 100%



Rééquilibrage des cellules de la batterie pour plus de longévité (suivant modèle).
Rebalancing of the battery cells for greater longevity (not available on all models).
Regenerierung der Batteriezellen für eine längere Lebensdauer (je nach Modell).

LiFePO₄ (LFP)

1. UVP Wake up - Status analysis
2. Recovery
3. Fast charge 90%
4. Absorption 95%
5. Test
6. Completion
7. Equalization
8. Floating 100%



UVP Wake up (Under Voltage Protection)
Réactivation de la batterie en protection UVP.
Battery reactivation when in UVP protection.
Reaktivierung der Batterie mit UVP-Schutz.



Equalizing Balancing System
Équilibrage des cellules.
Balancing of the battery cells.
Ausgleich der Batteriezellen.

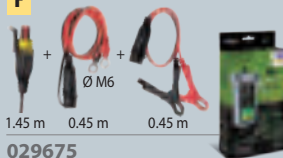
12V

GYSFLASH 1.12 Lithium

1 A



F FLASH Connector



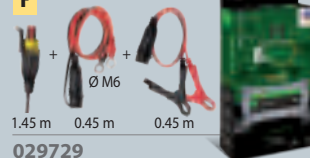
029675

GYSFLASH 6.12 Lithium

4/6 A



F FLASH Connector



029729

DESIGN
GYS FRANCE
MADE IN
GYS CHINA

DESIGN GYS FRANCE MADE IN GYS CHINA	 50 / 60 Hz		Power	I charge	 V	 Charge	 Maintenance	 Zzz	Ondulation/ Ripple	Charging curve		IP		
GYSFLASH 1.12 Lithium	220-240 V AC	1 m	18 W	1 A	12 V	0.5 > 20 Ah	0.5 > 50 Ah	<0.4 Ah/ month	<150 mV Rms	IUoU	8 step	IP 65	0.44 kg	130 × 80 × 38 mm
GYSFLASH 6.12 Lithium	220-240 V AC	2 m	90 W	4/6 A	12 V	1.2 > 125 Ah	1.2 > 170 Ah	<0.4 Ah/ month	<150 mV Rms	IUoU	8 step	IP 65	0.77 kg	190 × 100 × 52 mm



GYSFLASH PL

CHARGERS

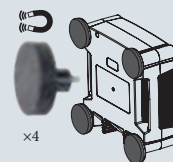
SMART HF INVERTER

Pb/LiFePO₄

OPTION

Gysflash 18.12 PL,
30.12 PL, 20.12/24 PL,
10.36/48 PL

Magnetfix 20
026063



NEW
03 2023



12V

GYSFLASH 1.12 PL & 1.12 PL S

1 A



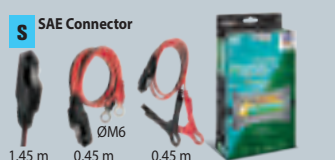
1.45 m 0.45 m 0.45 m

1.12 PL
026902
027541

1.12 PL S (110 V)
070851
072794
072824

GYSFLASH 8.12 PL

1/4 / 8 A



1.45 m 0.45 m 0.45 m

069282

GYSFLASH 18.12 PL

7/12 / 18 A

GO > 2 V



1.9 m
(4 mm²)

026926

PATENTS REGISTERED NUMBERS 002280008 & 002279927 EUROPEAN TRADEMARK & DESIGN		 50 / 60 Hz	 Power	 I _{charge}	 V	 Charge	 Maintenance	 Z _z	Ondulation/ Ripple	Charg- ing curve	 IP	 kg	 mm		
DESIGN GYS FRANCE	GYSFLASH 1.12 PL	220-240 V AC	2 m	20 W	1 A	12 V	2 > 32 Ah (Pb) 0.5 > 20 Ah (LiFePO4)	2 > 100 Ah (Pb) 0.5 > 50 Ah (LiFePO4)	<0.4 Ah/ month	<150 mV Rms	IUoU	7 step (Pb) 8 step (LiFePO4)	IP 65	0,69 kg	170 × 90 × 51 mm
	GYSFLASH 1.12 PL S	100-127 V AC													
MADE IN GYS CHINA	GYSFLASH 8.12 PL	220-240 V AC	2 m	130 W	1/4/8 A	12 V	15 > 160Ah (Pb) 1.2 > 160 Ah (LiFePO4)	15 > 240Ah (Pb) 1.2 > 240 Ah (LiFePO4)	<0.4 Ah/ month	<150 mV Rms	IUoU	7 step (Pb) 8 step (LiFePO4)	IP 65	0,85 kg	190 × 100 × 52 mm
MADE IN FRANCE	GYSFLASH 18.12 PL	220-240 V AC	2 m	300 W	7/12/18 A	12 V	15 > 270 Ah (Pb) 7 > 270 Ah (LiFePO4)		<0.5 Ah/ month	<100 mV Rms	IUoU	7 step (Pb) 8 step (LiFePO4)	IP 43	1,55 kg	190 × 190 × 73 mm



INTENSIVE

INTENSIVE



SC SMART COOLING TECHNOLOGY

100% DUST PROOF



SILENT



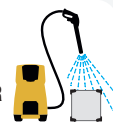
SHOCK RESISTANT

IP 23

INDOOR / OUTDOOR

IP 65

INDOOR / OUTDOOR



GYSFLASH 30.12 PL

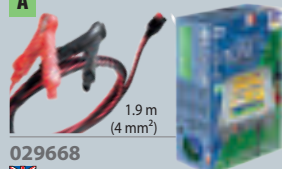
7/15 / **30 A**

GO > 2 V SSM START STOP

t° 7 STEP Pb 8 STEP LiFePO₄

(bell icon) (battery icon)

A ANDERSON Connector



029668
UK: 026070

GYSFLASH 32.12 PL

7/15 / **30 A**

GO > 2 V SSM START STOP

t° 7 STEP Pb 8 STEP LiFePO₄ SC

(bell icon) (battery icon)

2,5 m - 6 mm²
027381



GYSFLASH 20.12/24 PL

7/15 / **20 A**

GO > 2 V SSM START STOP

t° 7 STEP Pb 8 STEP LiFePO₄

(bell icon) (battery icon)

A ANDERSON Connector



026049
UK: 027558

GYSFLASH 15.24 XTREM

15 A

GO > 2 V SSM START STOP

t° 7 STEP Pb 8 STEP LiFePO₄ SC

(bell icon) (battery icon)

Double insulation

ROBUST & SAFE
2 pts connection

5 m - 4 mm²
025813



PATENTS REGISTERED NUMBERS 002280008 & 002279927 EUROPEAN TRADEMARK & DESIGN		 50 / 60 Hz	 2 m	Power	I _{charge}	 V	 Charge	 Maintenance	 Zz	Ondulation/ Ripple	Charging curve		IP		
MADE IN FRANCE	GYSFLASH 30.12 PL	220-240 V AC	2 m	500 W	7/15/30 A	12 V	15 > 375 Ah (Pb) 7 > 375 Ah (LiFePO4)		<0.5 Ah/month	<150 mV Rms	IUoU	7 step (Pb) 8 step (LiFePo4)	IP 43	1,85 kg	190×190 ×73 mm
	GYSFLASH 32.12 PL	230V	2.5 m	500W	7/15/30 A	12 V	10 > 400 Ah		<0.5 Ah/month	<150 mV Rms	IUoU	—	IP 23	4,7 kg	80 × 250 × 200 mm
	GYSFLASH 20.12/24 PL	220-240 V AC	2 m	500 W	7/15/20 A	12 V	15 > 300 Ah (Pb) 7 > 300 Ah (LiFePO4)		<1 Ah/month	<150 mV Rms	IUoU	7 step (Pb) 8 step (LiFePO4)	IP 43	1,85 kg	190×190 ×73 mm
					7/15 A	24 V	15 > 240 Ah (Pb) 7 > 240 Ah (LiFePO4)								
	GYSFLASH 15.24 XTREM	230V	2.5 m	500W	7/10/15 A	12/24 V	5 > 240 Ah		<1 Ah/month	<150 mV Rms	IUoU	—	IP 65	5.4 kg	75 × 250 × 210 mm

GYSFLASH TECHNOLOGY



Mémorisation des réglages. Redémarrage automatique en cas de coupure électrique.

Save and load settings. Automatic restart in case of power cut.

Einstellungsspeicherung. Automatisches Starten nach einem Netzausfall.



Start/stop Engine :

Compatible véhicules Start/Stop.
Compatible with Start/Stop vehicles.
Geeignet für START-STOP- Fahrzeuge.



Auto Recovery : Récupération des éléments des batteries profondément déchargées (mini 2V) et/ou sulfatées.

Auto Recovery : Recovers deeply discharged (min 2V) and/or sulfated batteries.

Auto Recovery: Wiederherstellung der Zellen bei tiefentladenen bzw. sulfatierten Batterien (min. 2V).



Équipé d'un capteur haute sensibilité, le Gysflash ajuste automatiquement les paramètres de charge en fonction de la température ambiante.

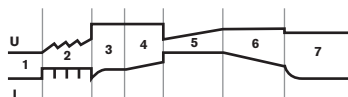
Fitted with a highly sensitive sensor, Gysflash automatically adjusts the charge based on ambient temperature.

Ausgestattet mit einem hochempfindlichen Sensor stellt das GYSFLASH automatisch die Ladeparameter der Umgebungstemperatur entsprechend ein.

SMART CHARGE 7 STEP / 8 STEP LiFePO₄

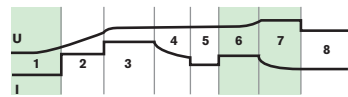
Pb

1. Status analysis
2. Recovery
3. Test desulfation
4. Desulfation
5. Fast charge 80%
6. Absorption
7. Floating 100%



LiFePO₄ (LFP) / Li-ion

1. UVP Wake up - Status analysis
2. Recovery
3. Fast charge 90%
4. Absorption 95%
5. Test
6. Completion
7. Equalization
8. Floating 100%



UVP Wake up (Under Voltage Protection)
Reactivation de la batterie en protection UVP.
Batterie reactivation when in UVP protection.
Reaktivierung der Batterie mit UVP-Schutz.

Equalizing Balancing System
Équilibrage des cellules.
Balancing of the battery cells.
Ausgleich der Batteriezellen.



GYSFLASH

CHARGERS Pb/Lithium

SMART HF INVERTER



LiFePO₄ / Li-ion / Li-Pb / NMC / LCO / MCO / NCA...



24 V • ELECTRICAL MOBILITY

GYSFLASH 6.24 PL

6 A

GO > 2 V

GO > 2 V



7 STEP Pb

8 STEP LiFePO₄

8 STEP Li-ion



SAE Connector

1.45 m

0.45 m

0.45 m

027398



48 V

GYSFLASH 3.48 PL

3 A

GO > 5 V



7 STEP Pb

8 STEP LiFePO₄

8 STEP Li-ion



SAE Connector

1.45 m

0.45 m

027893



DESIGN
GYS FRANCE



PATENTS REGISTERED NUMBERS
002280008 & 002279927
EUROPEAN TRADEMARK & DESIGN



50 / 60 Hz



Power



Icharge



V



n cell



Charge



Maintenance

MADE IN
GYS CHINA

MADE
IN FRANCE

GYSFLASH 6.24 PL

220-240 V AC

2 m

190 W

6 A

24V

12

8

6

15 > 125 Ah (Pb)
2 > 125 Ah (Li)

15 > 170 Ah (Pb)
2 > 170 Ah (Li)

GYSFLASH 3.48 PL

220-240 V AC

2 m

195 W

3 A

48V

24

15/16

13/14

6 > 60 Ah
3 > 60 Ah

6 > 85 Ah
3 > 85 Ah

GYSFLASH 10.36/48 PL

220-240 V AC

2 m

500 W

10 A

36V

18

12

9

20 > 230 Ah (Pb)
10 > 230 Ah (Li)

20 > 230 Ah (Pb)
10 > 230 Ah (Li)

8 A

48V

24

15/16

13/14

15 > 160 Ah (Pb)
8 > 160 Ah (Li)

15 > 160 Ah (Pb)
8 > 160 Ah (Li)

ELECTRICAL MOBILITY

OPTION

Magnetfix 20
026063

x4



INDUSTRY / ELECTRICAL MOBILITY • 36 / 48 V

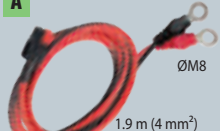
GYSFLASH 10.36/48 PL

10 A

GO > 5 V SSM

7 STEP Pb 8 STEP LiFePO₄ 8 STEP Li-ion

A ANDERSON Connector



027060



ELECTRICAL MOBILITY

MOBILITY



SAE CONNECTOR S3
027428

OUTDOOR



ANDERSON CONNECTOR
A3
027855



SAE CONNECTOR S4
027442



SAE CONNECTOR S3
027428

INDUSTRY



SAE CONNECTOR S5
027473

MEDICAL



SAE CONNECTOR S3
027428

	Ondulation/Ripple	Charging curve		IP		
<0.4 Ah /month	<150 mV Rms	IUoU	7 step (Pb) 8 step (Li)	IP 65	1,1 kg	221×111×58 mm
<0.4 Ah /month	<150 mV Rms	IUoU	7 step (Pb) 8 step (Li)	IP 65	1,1 kg	221×111×58 mm
<0.4 Ah /month	<150 mV Rms	IUoU	7 step (Pb) 8 step (Li)	IP 43	1,85 kg	190×190×73 mm



F Flash Connector GYSFLASH ≤ 6A : 1.12 / 4.12 / 6.12 / 6 Heritage / 6.24 / 1.12 Li / 6.12 Li / 1.12 PL								
F1 / Clamps L 0.45 m (1.3 mm ²) All 026889	F2 / Charge indicator L 0.56 m (1.3 mm ²) All 12V LEAD 029149	F3 / Eyelets M6 L 0.45 m (1.3 mm ²) All 12V 029194 M8 L 0.45 m (1.3 mm ²) 24V 36V 48V 027626	F4 / Charge indicator eyelets M6 L 0.56 m (1.3 mm ²) All 12V LEAD 029200	F5 / Cigarette lighter L 0.45 m (0.82 mm ²) 029439	F6 / Cable L 2.50 m (1.3 mm ²) All 029057	F7 / Connector MLX L 0.45 m (1.3 mm ²) 027589	F8 Adapter S / F - F / S L 0.45 m (1.3 mm ²) 027480	F9 Adapter F / A L 0.45 m (1.3 mm ²) 025820

S SAE Connector GYSFLASH < 16A : 8.12 PL / 12.12 / 9.24 / 6.24 / 3.48 PL							
S1 / Clamps L 1.50 m (1.3 mm ²) All +Showroom Gysflash 1212 027688	S2 / Eyelets M6 L 0.45 m (1.3 mm ²) 12V 24V 027466 M8 L 0.45 m (1.3 mm ²) 24V 36V 48V 027633 M10 L 0.45 m (1.3 mm ²) 36V 48V 027640	S3 / XLR 3 pin L 0.45 m (1.3 mm ²) 027428	S4 / T-Bar L 0.45 m (1.3 mm ²) 027442	S5 Adapter S / A L 0.45 m (1.3 mm ²) 027473	S6 KIT SAE / JACK (max 5 A) L 0.45 m (1.3 mm ²) 025646	S7 / Cigarette lighter Only for 8.12 PL L 0.45 m (1.3 mm ²) 10 A max 077331	S8 / Cable L 2.5 m (4 mm ²) 077348

A ANDERSON Connector GYSFLASH < 40A : 18.12 PL / 30.12 PL / 20.12-24 PL / 10.36-48 PL		
A1 / Clamps All L 1.90 m (4 mm ²) 026094 L 6 m (4 mm ²) 027435	A2 / Eyelets 4 mm ² M6 L 0.40 m 12V 24V 027657 M8 L 0.40 m 24V 36V 48V 027664 M8 L 1.90 m 24V 36V 48V 027794 M10 L 0.40 m 36V 48V 027671	A3 / Anderson L 1.5 m (4 mm ²) 027855

XTREM CABLES GYSFLASH 15.24 XTREM		
2pts/NATO Spiral 5 m 028968	2pts/NATO 5 m - 4 mm ² 025837	2pts/DIN14690 Emergency vehicle 5 m 028777

SELECT THE RIGHT GYSFLASH

CHOISISSEZ VOTRE GYSFLASH • WÄHLEN SIE IHR GYSFLASH AUS

★ SPECIAL PROJECT - CONTACT US



15

GYSFLASH
CONNECTORS/SELECTION

SMART HF INVERTER CHARGERS

GYSFLASH



6V	12V	24V	36V	48V	MEDICAL SERVICE - LEISURE					MOTORBIKE LIGHT MOBILITY					AUTO - CAMPER VAN - TRUCK										MARINE				INDUS TRY	URBAN

Pb

1.12																														
1.12 PL																														
4.12																														
6.12																														
8.12		12V																												
8.12 PL																														
12.12																														
18.12 PL																														
30.12 PL																														
6 Heritage	6V	12V																												
6.24 PL			24V																											
20.12/24 PL		12V	24V																											
6.24	6V	12V	24V																											
9.24																														
3/48 PL				48V																										
10.36/48 PL			36V	48V																										

LiFePO4

1.12 Lithium																														
1.12 PL																														
6.12 Lithium		12V																												
8.12 PL																														
18.12 PL																														
30.12 PL																														
6.24 PL			24V																											
20.12/24 PL		12V	24V																											
3/48 PL				48V																										
10.36/48 PL			36V	48V																										

Li-ion

6.24 PL		24V																												
3/48 PL				48V																										
10.36/48 PL			36V	48V																										

M = maintenance only

★ SPECIAL PROJECT - CONTACT US

Contact us for special projects. Quick customization :
CAN BUS / CAN Open / J1939 / NMEA 2000 / RS485 /
SM BVS / Automation / Relays...

SC SMART COOLING TECHNOLOGY

100% DUST PROOF



HIGH EFFICIENCY
Up to 15%
Energy Saving

93%

EMC class B



SILENT

[ALU]

RUST PROTECTION



ULTRA LIGHTWEIGHT



VIBRATION &
SHOCK RESISTANT



-25 / +60°C

GYSFLASH PL-E TECHNOLOGIES



Mémorisation des réglages. Redémarrage automatique en cas de coupure électrique.

Save and load settings. Automatic restart in the event of a power cut.

Einstellungsspeicherung. Automatisches Starten nach einem Netzausfall.



Auto Recovery : Récupération des éléments des batteries profondément déchargées (mini 2V) et/ou sulfatées.

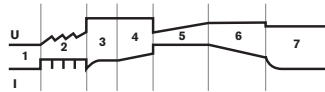
Auto Recovery : Recovers deeply discharged (min 2V) and/or sulfated batteries.

Auto Recovery: Wiederherstellung der Zellen bei tiefentladenen bzw. sulfatierten Batterien (min. 2V).

SMART CHARGE

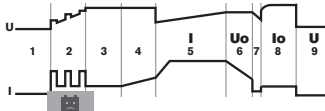
Pb

1. Status analysis
2. Recovery
3. Test desulfation
4. Desulfation
5. Fast charge 80%
6. Absorption
7. Floating 100%



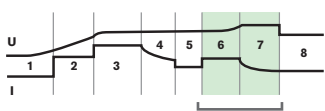
Pb TRACTION

1. Status analysis
2. Recovery
3. Sulphation test
4. Desulfation
5. Fast charge 80%
6. Absorption
7. Test Absorption
8. Refresh
9. Floating 100%



LiFePO₄ (LFP) / Li-ion

1. Status analysis
2. Recovery
3. Fast charge 90%
4. Absorption 95%
5. Test
6. Completion
7. Equalization
8. Floating 100%



Equalizing Balancing System
Équilibrage des cellules.
Balancing of the battery cells.
Ausgleich der Batteriezellen.



OUTDOOR - LEISURE



MOBILITY



MARINE



AGRI



MEDICAL



PROFESSIONAL



INDUSTRY



GYSFLASH / GYSPower

ON BOARD CHARGERS FOR Pb & LITHIUM BATTERIES

Pb

Lithium



NMC / LCO / MCO / NCA...



LiFePO₄ / Li-ion / Li-Po

EMBARQUÉ
ON BOARD



21.5 cm

7 cm

GYSFLASH 18.12 PL-E

8 cm

GYSFLASH 30.12 PL-E
GYSFLASH 15.24 PL-E
GYSFLASH 10.36 PL-E
GYSFLASH 8.48 PL-E

12V

GYSFLASH 18.12 PL-E

18 A

Pb / LFP

025806

GYSFLASH 30.12 PL-E

30 A COMING SOON

Pb / LFP

OPEN & CONNECT

cables
not included

4 pts
connector
included
3G
0.75 x 2.5 mm²



3 pts
connector
included
max 2.5 mm²
or AWG14

INCLUDED



Ø 5.5 mm
GYSFLASH 18.12 PL-E, 15.24 PL-E,
10.36 PL-E, 8.48 PL-E

Fixing Kit

MADE IN FRANCE

	50 / 60 Hz		START MINI	I _{max}	25°C @ 100 %	40°C @ 100 %	50°C @ 100 %	60°C @ 100 %
GYSFLASH 18.12 PL-E	230V	12V	300 W	2V	18 A	16 A	14 A	12.5 A
GYSFLASH 30.12 PL-E	230V	12V	500 W	2V	30 A	30 A	27 A	23 A
GYSFLASH 15.24 PL-E	230V	24V	500 W	2V	15 A	15 A	13.5 A	11.5 A
GYSFLASH 10.36 PL-E	230V	36V	500 W	2V	10 A	10 A	9 A	7.5 A
GYSFLASH 8.48 PL-E	230V	48V	500 W	2V	8 A	8 A	7 A	6 A



PFC POWER FACTOR CORRECTION 185 V ← 265 V



24 V	36 V	48 V
GYSFLASH 15.24 PL-E	GYSFLASH 10.36 PL-E	GYSFLASH 8.48 PL-E
15 A	10 A COMING SOON	8 A COMING SOON
Pb / Traction / LFP / Li-ion 025943	Pb / Traction / LFP / Li-ion 025950	Pb / Traction / LFP / Li-ion

INDUSTRIAL CHARGERS

COMING SOON

PB / Traction / LFP / Li-ion
CAN BUS / CAN OPEN / J1939 / NMEA 2000 / R9485 / SM BVS

GYSPOWER 24 V : 15 A - 30 A - 50 A - 100 A

GYSPOWER 36 V : 10 A - 20 A - 30 A

GYSPOWER 48 V : 8 A - 25 A - 50 A

Pb		LFP	Zz	Ondulation/ Ripple	IP	↑	⬆
36 > 270 Ah	18 > 270 Ah	<0.4 Ah/month	<150 mV Rms	20	21.5 × 7 × 17.5 cm	1.3 kg	
60 > 400 Ah	30 > 400 Ah	<0.4 Ah/month	<150 mV Rms	20	21.5 × 8 × 17.5 cm	1.6 kg	
30 > 240 Ah	15 > 240 Ah	<0.4 Ah/month	<150 mV Rms	20	21.5 × 8 × 17.5 cm	1.6 kg	
20 > 230 Ah	10 > 230 Ah	<0.4 Ah/month	<150 mV Rms	20	21.5 × 8 × 17.5 cm	1.6 kg	
15 > 160 Ah	8 > 160 Ah	<0.4 Ah/month	<150 mV Rms	20	21.5 × 8 × 17.5 cm	1.6 kg	



ENERGY



POWER INVERTER DC > DC REVERSIBLE

EMBARQUÉ
ON BOARD

Pb

Lithium

✓ Liquid / Gel, AGM

✓ LiFePO4

NEW
03 2023



ENERGY DC/DC 50.12 / 24

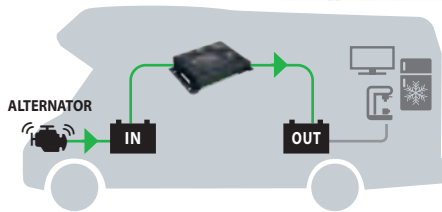
50 A

072534

	U input	U output	I output	POWER	EFFICIENCY	Zz	T° USE	OUTPUT	↑	⬆
ENERGY DC/DC 50.12/24	10-32 V	0-32 V	50 A	1500 W	98 %	<1 mA	50 °C	6 mm² min	135 × 35 × 200	520

✓ EURO 6 STANDARD

when starting the vehicle



OPEN & CONNECT



4 pts connector included
0.75 > 2.5 mm²

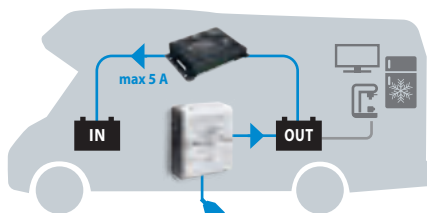
Connector included
min 6 mm² or AWG9

cables not included

DOUBLE CHARGING

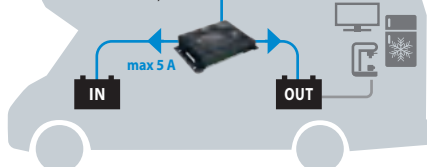
vehicle stopped

WITH GYSFLASH



WITH SOLAR PANEL

MPPT integrated
(Max Power Point Tracker)



MORE OUTPUT POWER

PARALLEL CHARGING



150 A

GYSFLASH / ENERGY

EMBARQUÉ / ON BOARD

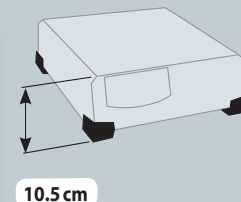
17



GYSFLASH PRO

BSU & CHARGERS

BATTERY SUPPORT UNIT



SC SMART COOLING TECHNOLOGY

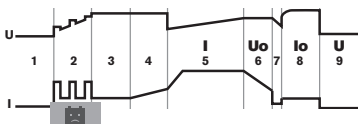
100%
DUST
PROOF



SILENT

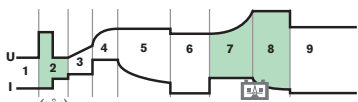
SMART 9 STEP

Pb



1. Status analysis
2. Recovery
3. Sulphation test
4. Desulfation
5. Fast charge 80%
6. Absorption
7. Test Absorption
8. Refresh
9. Floating 100%

LiFePO₄



UVP Wake up (Under Voltage Protection), Battery reactivation when in UVP protection

EBS Equalizing Balancing System 100% Perfect charge

1. Status analysis
2. UVP Wake Up
3. Recovery
4. Fast charge 90%
5. Absorption 95%
6. Test
7. Completion
8. Equalization
9. Floating 100%

CHARGE

Pb AUTOMOTIVE

- ✓ GEL
- ✓ AGM
- ✓ LIQUID
- ✓ EASY
- ✓ EXPERT

Pb TRACTION

- ✓ GEL
- ✓ LIQUID

LITHIUM READY

- ✓ LFP/LiFePO₄

BSU

DIAG +



SHOWROOM



CHANGE BATTERY



POWER SUPPLY



12 V

GYSFLASH 30.12

30 A

PFC SC

2,5 m - 6 mm²
029224



GYSFLASH 50.12 FV

50 A

PFC FV SC 1 044 40004

2,5 m - 10 mm²
026056



GYSFLASH 100.12

100 A

PFC SC

2,5 m - 16 mm²
029071
029453
5 m - 16 mm²
029415
029002

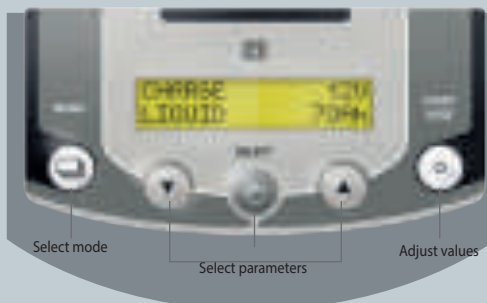


ACCESSORIES

p.30

PFC POWER FACTOR CORRECTION

FV FLEXIBLE VOLTAGE
85 V — 265 V
110 V — 230 V



22 languages

GB DK CZ
FR FI PL
DE TR SK
NL HR UA
ES GR
PT HU
IT CN simplified
RU CN traditional
SE JP



19

GYSFLASH PRO

BSU & CHARGERS



6 / 12 / 24 V

GYSFLASH 30.24

30 A

PFC SC

2,5 m - 6 mm²
029231



GYSFLASH 50.24

50 A

PFC SC

2,5 m - 10 mm²
029095
5 m - 16 mm²
029620



12 V

GYSFLASH 102.12

100 A

PFC SC

5 m - 16 mm²
029606



MADE IN FRANCE

	50 / 60 Hz	L	mm ²			START MINI	I max	25°C @ 100 %	40°C @ 100 %		TRACTION BATTERIES	SHOWROOM CONNECT	IP		
GYSFLASH 30.12	185 > 265 V	2,5 m	6	12 V	540 W	2 V	30 A	30 A	30 A	10 > 400 Ah	—	Ø M6	21	25,5 × 10,5 × 23 cm	4.9 kg
GYSFLASH 50.12 FV	85 > 265 V	2,5 m	10	12 V	850 W	2 V	50 A	50 A	40 A	10 > 600 Ah	—	Ø M6	21	30 × 10,5 × 29 cm	6.6 kg
GYSFLASH 100.12	185 > 265 V	2,5 m	16	12 V	1600 W	2 V	100 A	75 A	66 A	20 > 1200 Ah	—	Ø M6	21	32 × 10,5 × 29.2 cm	7.4 kg
		5 m													8.3 kg
GYSFLASH 30.24	185 > 265 V	2,5 m	6	6 V	540 W	2 V	30 A	30 A	30 A	10 > 400 Ah	●	Ø M6	21	25,5 × 10,5 × 23 cm	4.9 kg
				12 V			30 A	30 A	30 A						
				24 V			15 A	15 A	15 A						
GYSFLASH 50.24	185 > 265 V	2,5 m	10	6 V	1600 W	2 V	50 A	50 A	45 A	10 > 600 Ah	●	Ø M6	21	30 × 10,5 × 29.2 cm	6.6 kg
				12 V				50 A	40 A						7.9 kg
				24 V				45 A	35 A						
GYSFLASH 102.12	185 > 265 V	5 m	16	12 V	1600 W	2 V	100 A	75 A	66 A	20 > 1200 Ah	—	Ø M6	21	12 × 34,5 × 29,5 cm	9.1 kg



GYSFLASH PRO CNT

BSU & CHARGERS

BATTERY SUPPORT UNIT

CNT
Connected
Technology

**FULL
CUSTOMIZABLE**
p.26

PFC POWER FACTOR
CORRECTION

FV FLEXIBLE
VOLTAGE

85 V — 265 V
110 V — 230 V

**12V (factory preset)
24V READY**

Use custom configuration tool
(detail p.26)



12 V

GYSFLASH 51.12 CNT FV

50 A

PFC FV SC CNT

2,5 m - 10 mm²
068179



GYSFLASH 101.12 CNT

100 A

PFC SC CNT

2,5 m - 16 mm²
025790

5 m - 16 mm²
026988



GYSFLASH 121.12 CNT FV

120 A

PFC FV CNT

5 m - 25 mm²
026971

027756
071605



SC

**SMART
COOLING
TECHNOLOGY**

**100%
DUST
PROOF**

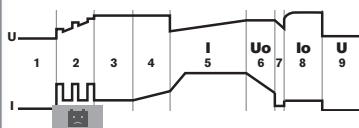


SILENT



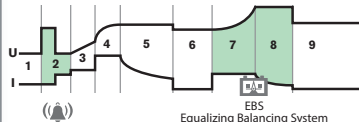
SMART 9 STEP

Pb



1. Status analysis
2. Recovery
3. Sulphation test
4. Desulfation
5. Fast charge 80%
6. Absorption
7. Test Absorption
8. Refresh
9. Floating 100%

LiFePO₄



UVP Wake up (Under Voltage Protection). Battery reactivation when in UVP protection

EBS
Equalizing Balancing System
100% Perfect charge

1. Status analysis
2. UVP Wake Up
3. Recovery
4. Fast charge 90%
5. Absorption 95%
6. Test
7. Completion
8. Equalization
9. Floating 100%

CHARGE

(150 CURVES CAPACITY)

Pb AUTOMOTIVE

- ✓ GEL
- ✓ AGM
- ✓ LIQUID
- ✓ EASY
- ✓ EXPERT
- ✓ NORMAL
- ✓ BOOST
- ✓ RECOVERY+
- ✓ and more

Pb TRACTION

- ✓ GEL
- ✓ LIQUID
- ✓ and more

LITHIUM READY

- ✓ LFP/LiFePO₄
- ✓ LI-ION STD
- ✓ LFP CELL+
- ✓ LI-ION CELL+
- ✓ and more

BSU

(15 CURVES CAPACITY)

DIAG +



SHOWROOM



CHANGE BATTERY



POWER SUPPLY



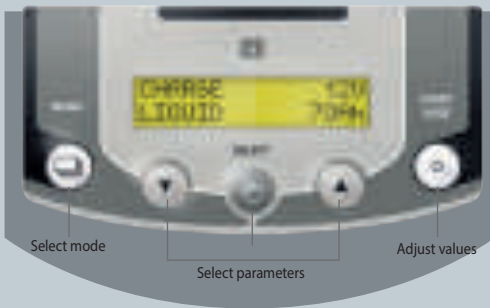
AND MORE

TEST

- ✓ VOLTAGE
- ✓ START UP
- ✓ ALTERNATOR

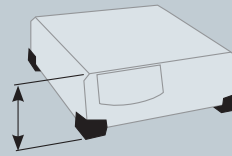
STARTER

- ✓ START



22 languages

GB	RU	GR	CN simplified
FR	SE	CZ	CN traditional
DE	DK	PL	JP
NL	FI	SK	
ES	TR	UA	
PT	HR		
IT	HU		

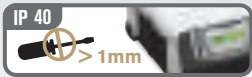


10.5 cm

51.12 CNT
101.12 CNT

13 cm

121.12 CNT FV
125.12 CNT FV
101.24 CNT FV
51.48 CNT FV



GYSFLASH 125.12 CNT FV

120 A 120 A @ 100%

PFC FV CNT

5 m - 25 mm²
028883



6 / 12 / 24 V

GYSFLASH 101.24 CNT FV

100 A

PFC FV CNT

5 m - 25 mm²
025967



6 / 12 / 24 / 36 / 48 V

GYSFLASH 51.48 CNT FV

50 A

PFC FV CNT

5 m - 16 mm²
072015



CNT

Connected Modules & Technology
p.26



MADE IN FRANCE	 50 / 60 Hz	 L ↕	 mm²			START MINI	I max	25°C @100 %	40°C @ 100 %		 TRACTION BATTERIES	 SHOWROOM CONNECT	IP		
GYSFLASH 51.12 CNT FV	85 > 265 V	2,5 m	10	12V 24 V	850 W	1 V	50 A 25 A	50 A 25 A	40 A 20 A	10 > 600 Ah 10 > 300 Ah	●	Ø M6	41	30 × 10,5 × 29 cm	6.8 kg
GYSFLASH 101.12 CNT	185 > 265 V	2,5 m 5 m	16	12V	1600 W	1 V	100 A	75 A	66 A	20 > 1200 Ah	●	Ø M6	21	32 × 10,5 × 29,2 cm	7.5 kg 8.3 kg
GYSFLASH 121.12 CNT FV	85 > 265 V	5 m	25	12V	2000 W	1 V	110 V : 100 A 230 V : 120 A	75 A 110 A	55 A 90 A	20 > 1200 Ah	●	Ø M6	20	31 × 13 × 26 cm	10.4 kg
GYSFLASH 125.12 CNT FV	85 > 265 V	5 m	25	12V	2000 W	1 V	110 V : 100 A 230 V : 120 A	100 A 120 A	77 A 116 A	20 > 1200 Ah	●	Ø M6	40	31 × 13 × 26 cm	10.9 kg
GYSFLASH 101.24 CNT FV	85 > 265 V	5 m	25	6/12V 24 V	3200 W	1 V	110 V : 100 A 230 V : 100 A 110 V : 50 A 230 V : 100 A	72 A 89 A 50 A 76 A	47 A 68 A 35 A 59 A	20 > 1200 Ah	●	Ø M6	20	31 × 13 × 26 cm	10.6 kg
GYSFLASH 51.48 CNT FV	85 > 265 V	5 m	16	6/12/24V 36/48 V	3200 W	1 V	110 V : 50 A 230 V : 50 A 110 V : 25 A 230 V : 50 A	50 A 50 A 26 A 48 A	28 A 41 A 20 A 37 A	10 > 600 Ah	●	Ø M6	20	31 × 13 × 26 cm	8.1 kg



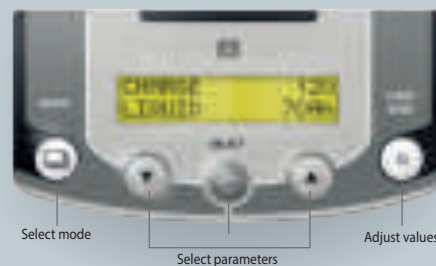
GYSFLASH PRO CNT

BSU & CHARGERS

BATTERY SUPPORT UNIT

CNT
Connected
Technology

**FULL
CUSTOMIZABLE**
p.26



22 languages

GB	NL	IT	DK	HR	PL	UA	CN simplified
FR	ES	RU	FI	GR	SK	CN traditional	JP
DE	PT	SE	TR	CZ	HU		



12 V

GYSFLASH 103.12 CNT

100 A

PFC SC CNT

5 m - 16 mm²
072008



GYSFLASH 123.12 CNT FV

120 A

PFC FV CNT

5 m - 25 mm²
025677



6 / 12 / 24V

GYSFLASH 103.24 CNT FV

100 A

PFC FV CNT

5 m - 25 mm²
025684



SC

**SMART
COOLING
TECHNOLOGY**

100%
DUST
PROOF

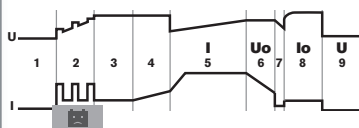


SILENT



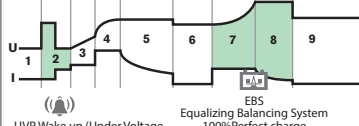
SMART 9 STEP

Pb



1. Status analysis
2. Recovery
3. Sulphation test
4. Desulfation
5. Fast charge 80%
6. Absorption 90%
7. Test Absorption 95%
8. Refresh
9. Floating 100%

LiFePO₄



1. Status analysis
2. UVP Wake Up
3. Recovery
4. Fast charge 90%
5. Absorption 95%
6. Test
7. Completion
8. Equalization
9. Floating 100%

UVP Wake up (Under Voltage Protection). Battery reactivation when in UVP protection

EBS Equalizing Balancing System 100% Perfect charge

CHARGE

(150 CURVES CAPACITY)

Pb AUTOMOTIVE

- ✓ GEL
- ✓ AGM
- ✓ LIQUID
- ✓ EASY
- ✓ EXPERT
- ✓ NORMAL
- ✓ BOOST
- ✓ RECOVERY+
- ✓ and more

Pb TRACTION

- ✓ GEL
- ✓ LIQUID
- ✓ and more

LITHIUM READY

- ✓ LFP/LiFePO₄
- ✓ LI-ION STD
- ✓ LFP CELL+
- ✓ LI-ION CELL+
- ✓ and more

BSU

(15 CURVES CAPACITY)

DIAG +



SHOWROOM



CHANGE BATTERY



POWER SUPPLY



AND MORE

TEST

- ✓ VOLTAGE
- ✓ START UP
- ✓ ALTERNATOR

STARTER

- ✓ START

PFC POWER FACTOR
CORRECTION

FV FLEXIBLE
VOLTAGE

85 V — 265 V
110 V 230 V

NEW
01 2023

TRACTION



6 / 12 / 24 / 36 / 48 V

GYSFLASH 25.48 CNT FV

25 A

PFC FV CNT

5 m - 16 mm²
075962



GYSFLASH 53.48 CNT FV

50 A

PFC FV CNT

5 m - 16 mm²
025998



CNT

**Connected
Modules
& Technology**
p.26



MADE IN FRANCE

															
	50 / 60 Hz	↕	mm ²			START MINI	I max	25°C @100 %	40°C @100 %		TRACTION BATTERIES	SHOWROOM CONNECT	IP	↕	
GYSFLASH 103.12 CNT	185 > 265 V	5 m	16	12 V	1600 W	1 V	100 A	75 A	66 A	20 > 1200 Ah	—	Ø M6	21	12 × 34.5 × 29.5 cm	9.1 kg
GYSFLASH 123.12 CNT FV	85 > 265 V	5 m	25	12 V	2000 W	1 V	110 V : 100 A 230 V : 120 A	100 A 120 A	85 A 120 A	20 > 1200 Ah	•	Ø M6	30	34 × 25 × 15 cm	11 kg
GYSFLASH 103.24 CNT FV	85 > 265 V	5 m	25	6/12 V	3200 W	1 V	110 V : 100 A 230 V : 100 A	100 A 100 A	68 A 79 A	20 > 1200 Ah	•	Ø M6	30	34 × 25 × 15 cm	11 kg
				24 V			110 V : 50 A 230 V : 100 A	50 A 95 A	47 A 72 A						
GYSFLASH 25.48 CNT FV	85 > 265 V	5 m	10	6/12/24/ 36/48 V	1600 W	1 V	110 V : 12 A 230 V : 25 A	NC	NC	10 > 300 Ah	•	Ø M6	21	12 × 34.5 × 29.5 cm	NC
GYSFLASH 53.48 CNT FV	85 > 265 V	5 m	16	6/12/24 V	3200 W	1 V	110 V : 50 A 230 V : 50 A	50 A 50 A	28 A 41 A	10 > 600 Ah	•	Ø M6	30	34 × 25 × 15 cm	9,5 kg
				36/48 V			110 V : 25 A 230 V : 50 A	26 A 48 A	20 A 37 A						



23

GYSFLASH PRO CNT

BSU & CHARGERS



GYSFLASH PRO CNT

BSU & CHARGERS

BATTERY SUPPORT UNIT

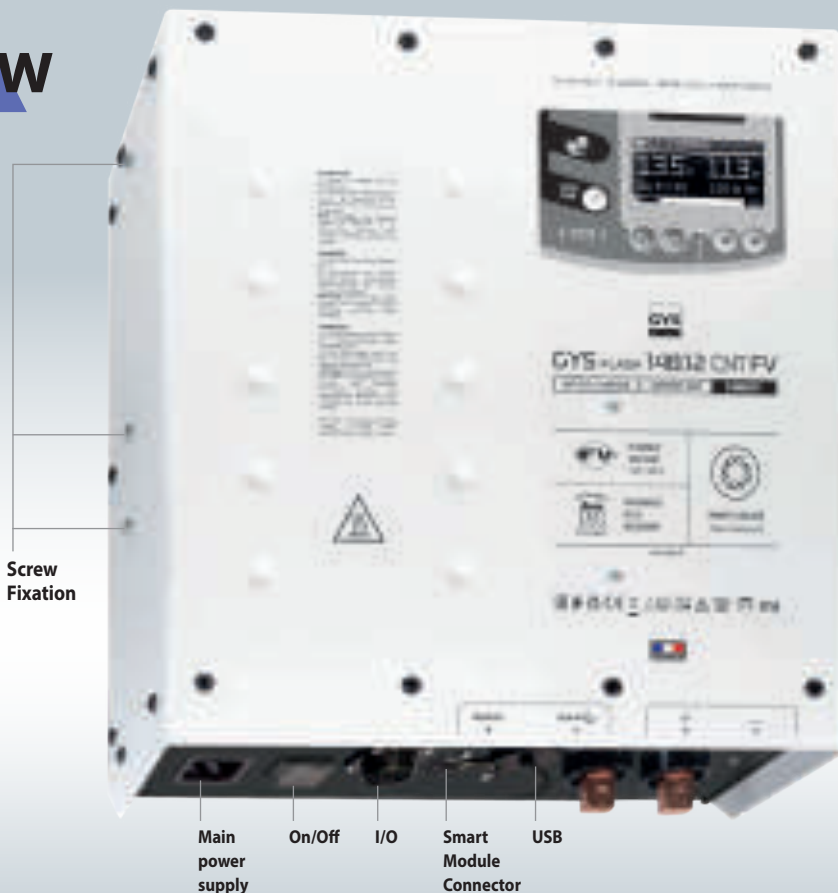
CNT
Connected
Technology

**FULL
CUSTOMIZABLE**
p.26

PFC POWER FACTOR
CORRECTION

FV FLEXIBLE
VOLTAGE
85 V — 265 V
110 V 230 V
GYSFLASH 148.12 CNT FV

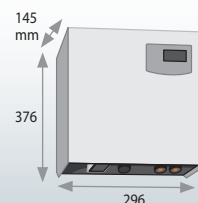
NEW



IP 54

DUST
&
**SPLASH
PROTECTION**

**NATURAL
CONVECTION**
t° ↓



12 V



YouTube

**PLAYLIST
CNT TECHNOLOGY**

GYSFLASH 148.12 CNT FV

145 A

1 ~

PFC FV CNT

5 m - 25 mm²
069916



SC

**SMART
COOLING
TECHNOLOGY**

**100%
DUST
PROOF**

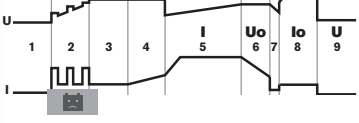


SILENT



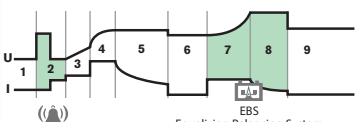
SMART 9 STEP

Pb



1. Status analysis
2. Recovery
3. Sulphation test
4. Desulfation
5. Fast charge 80%
6. Absorption 90%
7. Test Absorption
8. Refresh
9. Floating 100%

LiFePO₄



UVP Wake up (Under Voltage Protection). Battery reactivation when in UVP protection

1. Status analysis
2. UVP Wake Up
3. Recovery
4. Fast charge 90%
5. Absorption 95%
6. Test
7. Completion
8. Equalization
9. Floating 100%

CHARGE

(150 CURVES CAPACITY)

Pb AUTOMOTIVE

- ✓ GEL
- ✓ AGM
- ✓ LIQUID
- ✓ EASY
- ✓ EXPERT
- ✓ NORMAL
- ✓ BOOST
- ✓ RECOVERY+
- ✓ and more

Pb TRACTION

- ✓ GEL
- ✓ LIQUID
- ✓ and more

LITHIUM READY

- ✓ LFP/LiFePO₄
- ✓ LI-ION STD
- ✓ LFP CELL+
- ✓ LI-ION CELL+
- ✓ and more

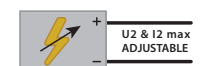
BSU

(15 CURVES CAPACITY)

DIAG +



POWER SUPPLY



AND MORE

TEST

- ✓ VOLTAGE
- ✓ START UP
- ✓ ALTERNATOR

STARTER

- ✓ START

FV FLEXIBLE VOLTAGE
320V — 520V
400 V — 480 V
GYSFLASH 158.12 CNT FV



22 languages
GB DK CN simplified
FR FI CN traditional
DE TR JP
NL HR
ES GR
PT CZ
IT PL
RU SK
SE UA
HU

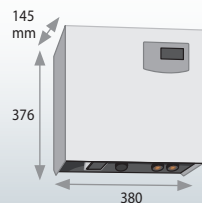
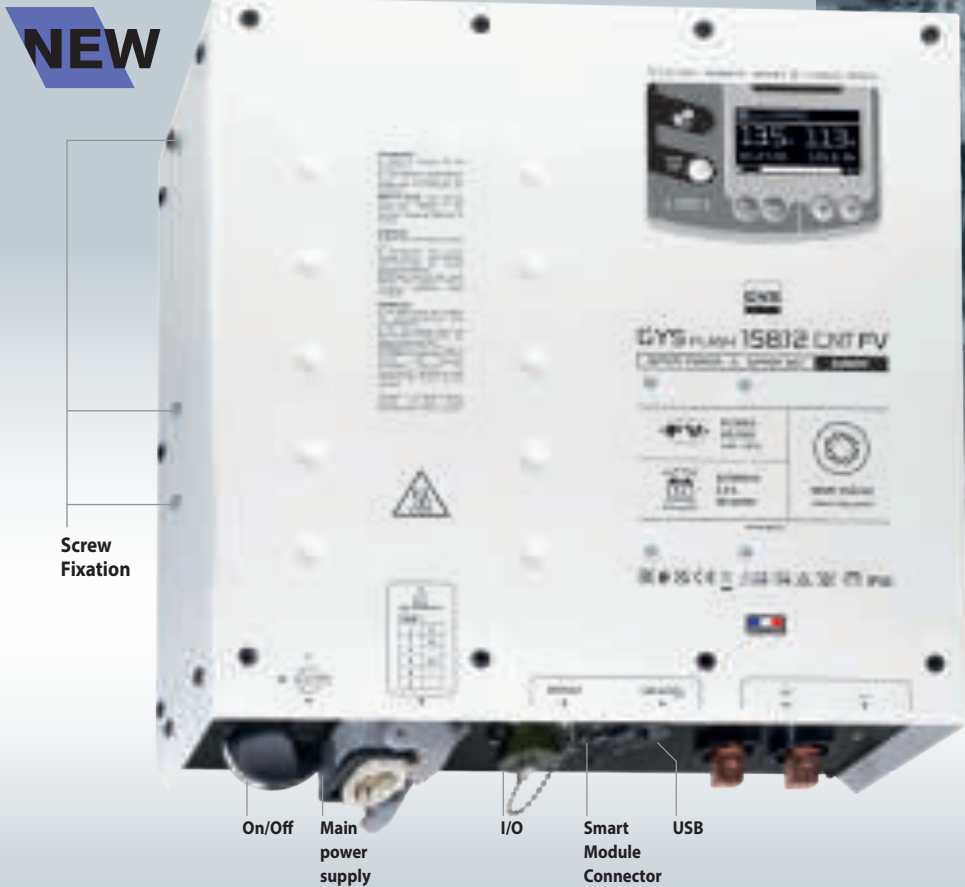
INDUSTRY / PRODUCTION



25

GYSFLASH PRO CNT

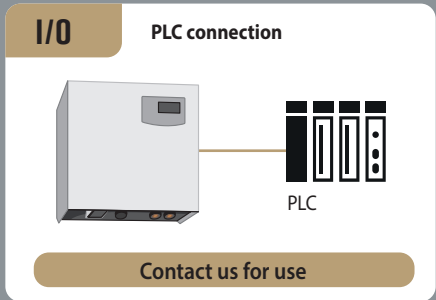
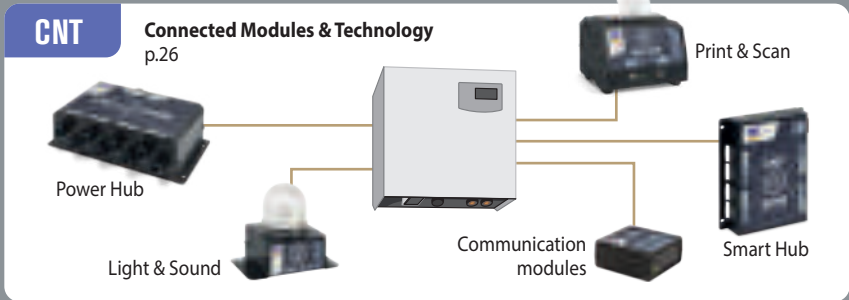
BSU & CHARGERS



GYSFLASH 158.12 CNT FV

150 A 3 ~

FV CNT
5 m - 25 mm²
069909



MADE IN FRANCE

	50 / 60 Hz	L	mm²			START MINI	I max	25°C @ 100 %	40°C @ 100 %	60°C @ 100 %		TRACTION BATTERIES	SHOWROOM CONNECT	IP		
GYSFLASH 148.12 CNT FV	85 > 265 V	5 m	25	12V	2500W	1V	110 V : 100 A 230 V : 145 A	100 A 134 A	90 A 116 A	62 A 88 A	20 > 1200 Ah 20 > 1800 Ah	•	Ø M6	54	376 × 145 × 296 mm	9.4 kg
GYSFLASH 158.12 CNT FV	320 > 520V	5 m	25	12V	2500W	1V	150 A	140 A	120 A	100 A	20 > 1800Ah	•	Ø M6	54	376 × 145 × 380 mm	10.3 kg



CNT

CNT
Connected
Technology

TECHNOLOGY

GYFLASH CONFIGURATION



YouTube

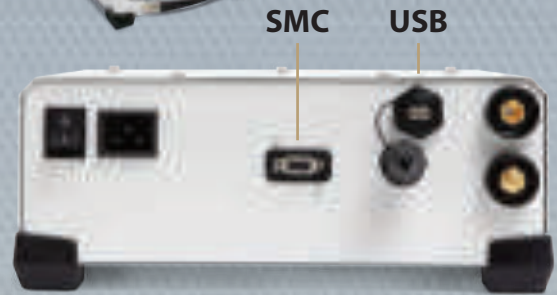
PLAYLIST
CNT TECHNOLOGY



SPECIAL
PROJECTS

Contact us for special projects.

Quick Customization:
Modes, Curves, parameters...

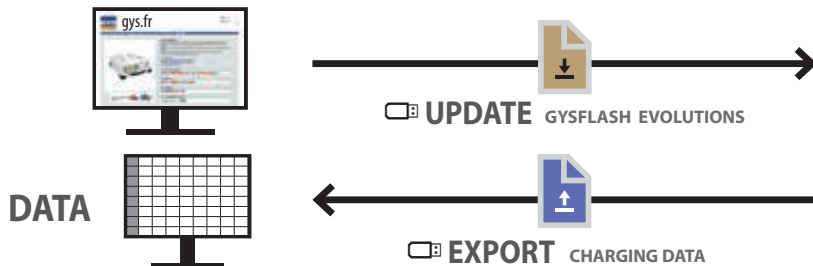


SMC

USB

SOFTWARE UPDATE / TRACEABILITY

LIFETIME EVOLUTION

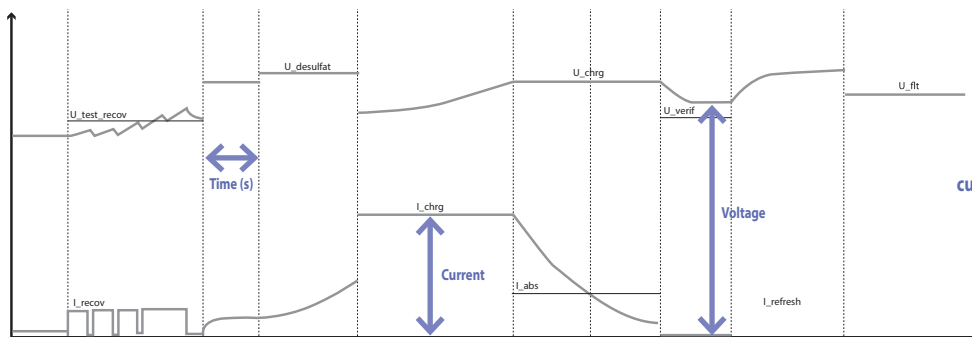


USB key 16 Gb
062344

DESIGN YOUR CHARGING CURVE

PRODUCT CONFIGURATION (CONFIG CURVE / LOGISTIC / CHARGING CURVE)

Pb Adjustable settings ↔



CNT MANAGER

- GYSFLASH parameters
- Custom curves
- Multi products management
- Import/export configurations
- ...



gys.fr

UPDATE
CUSTOM CONFIGURATION



Configuration file (gys.fr)	Applications	CHARGE MODE										POWER MODE					MISCELLANEOUS
		Pb-CHARGE					Li-CHARGE					TRACTION					TESTER MODE
		normal	AGM	liquide	Easy	Boost	Recovery +	Ca / Ca recov	LFP/LiFePO4	Li-ion std	LFP cell+	Li-ion cell+	water	gel	SHOWROOM	DIAG+	
1_gys_original.gfc	Initial configuration of the charger	✓	✓	✓	✓				✓						✓	✓	✓
2_car_extended.gfc	Extensive features for garages	✓	✓	✓	✓	✓	✓	✓	✓						✓	✓	✓
3_showroom_only.gfc	Simplified version for dealerships and demonstration vehicles														✓		
4_pro_lithium.gfc	Professional of lithium battery								✓	✓	✓	✓					✓
5_traction.gfc	Forklift truck, electric pallet truck, stacker...												✓	✓			
6_full_version.gfc	Full version	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓



CNT
Connected
Technology

ACCESSORIES

UNIT MODULES

COMING SOON



and More...

27

CNT

TECHNOLOGY & ACCESSORIES



NEW CNT-SCM
Smart Can Module



Scratch
fixation



Magnetic
fixation

SMART COMMUNICATION

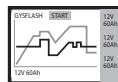
INCLUDED

CNT-SUM
Smart USB Module
025974

USB micro A

↳ 69 × 68 × 29 mm / 85g

Computer /
Diag System



SMC Cable
1 m
056596



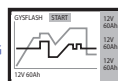
NEW CNT-SWM
Smart Wireless Module
070837

Bluetooth

Wifi
COMING
SOON

↳ 69 × 68 × 29 mm / 85g

Computer /
Diag System



SMC Cable
1 m
056596



PC



LIGHT & SOUND

INCLUDED

CNT-SLM
Smart Light Module
027978

65dB



Pb charge



Lithium charge



OK



Error

↳ 126 × 146 × 93 mm / 560g

SMC Cable
1 m
056596



PRINT & SCAN

INCLUDED

CNT-SPM
Smart Printer Module
026919

↳ 140 × 105 × 133 mm / 1.4 kg



CRIT'AIR

Customer data

Battery data

Charge data



SMC Cable
1 m
056596



Standard roller x2
57mm x 7.5 m, Ø 25 mm
056633

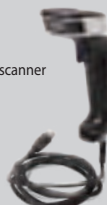


OPTIONS

Support
Barcode scanner
025745



USB Barcode scanner
1D/2D
027718



USB Keyboard

AZERTY 027725
QWERTY 027770

QWERTZ compatibility





CNT

CNT
Connected
Technology

ACCESSORIES

HUB MODULES



YouTube
PLAYLIST
CNT TECHNOLOGY

SMC CABLE

1 m
056596

3 m
025691



SMART HUB MODULE

CNT-SHM
Smart Hub Module
025981

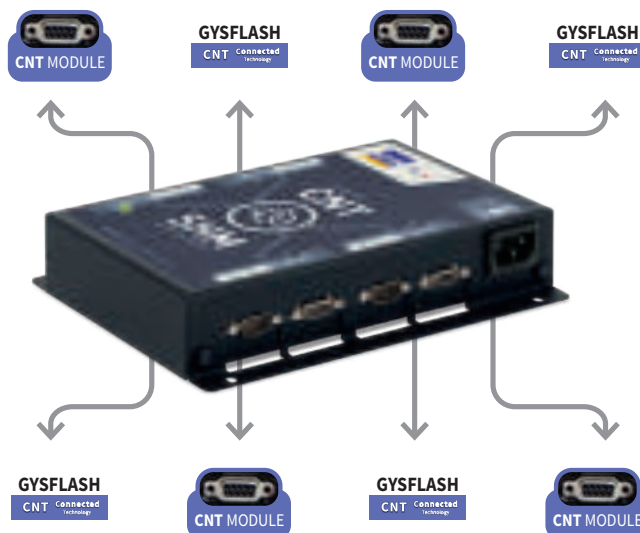
220 × 180 × 45 mm / 1 kg

INCLUDED

SMC Cable
1 m
056596



UP TO 4 MODULES + 4 GYSFLASH



POWER HUB MODULE

CNT-PHM
Power Hub Module
056589

317 × 245 × 90 mm / 2.7 kg

4 GYSFLASH IN
Ø Cables: 10 → 25 mm²

GYSFLASH CNT Connected Technology GYSFLASH CNT Connected Technology GYSFLASH CNT Connected Technology GYSFLASH CNT Connected Technology



INCLUDED
M6 KIT



OUT Ø Cables: 25 → 70 mm²

EXTREME MODULARITY

SINGLE MODULE



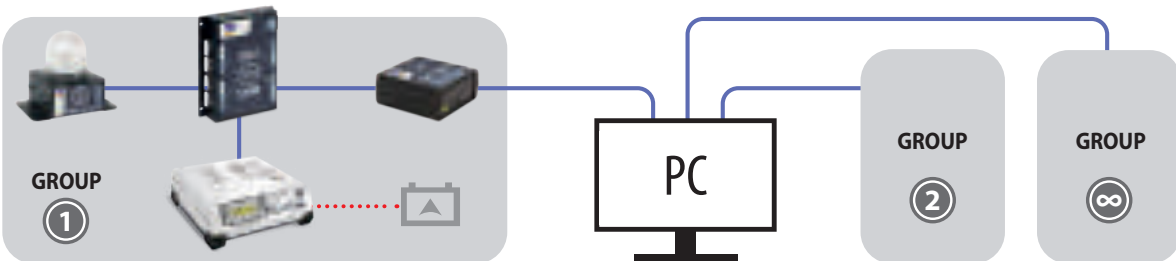
MULTI MODULES



ADVANCED

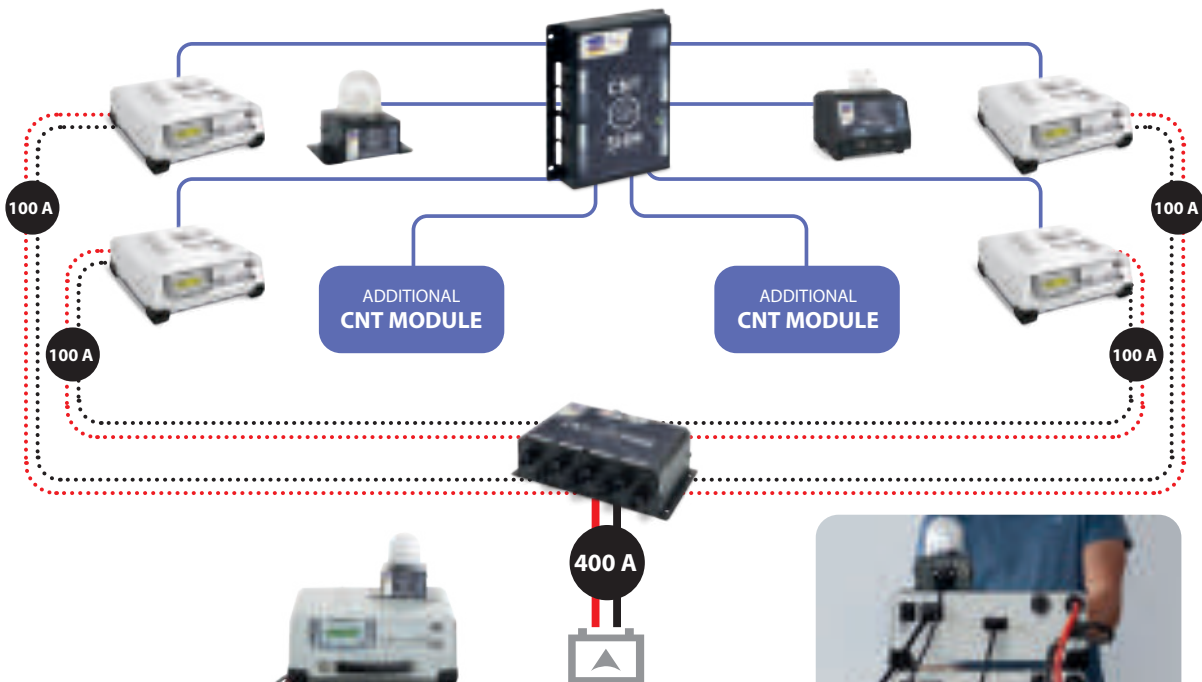


MULTI MODULES GROUPS



PARALLEL CHARGING

EXAMPLE : GYSFLASH 101.12 CNT (X4)





STANDARD ACCESSORIES



ANDERSON CABLES

for GYSFLASH	Anderson/Clamps	Anderson/NATO	Anderson<>Rema 160 A	Anderson<>Anderson 175 A	Anderson<>Texas
	2.5 m - 16 mm ² 056503 5 m - 16 mm ² 054615 8 m - 16 mm ² 056572	2.5 m - 16 mm ² 026810 	5 m - 16 mm ² 069091	5 m - 16 mm ² 069107	0.2 m - 16 mm ² 055902 1 m - 16 mm ² 028791
30.12 / 50.12 100.12 / 101.12 102.12 / 32-12 PL	✓	✓	—	—	✓
30.24 / 50.24	✓	✓	✓	✓	✓
53.48	✓	✓	✓	✓	—



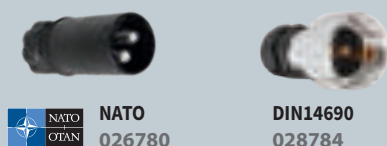
TEXAS CABLES

for GYSFLASH	Texas/Clamps	Texas/Rema 160 A	Texas/Anderson 175 A	Texas/NATO
	2.5 m - 25 mm ² 028876 5 m - 25 mm ² 027886	5 m - 16 mm ² 025714	5 m - 25 mm ² 025721	5 m - 25 mm ² 025707 10 m - 25 mm ² 056626 
101.24 / 121.12 123.12 / 103.24 125.12	✓	✓	✓	✓

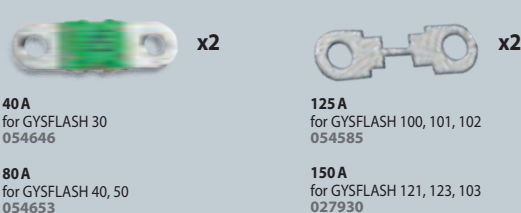
PARALLEL CABLES KIT



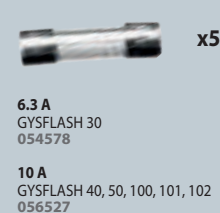
CONNECTORS



INTERNAL FUSES



EXTERNAL FUSES



Tablette - Wall support
Wandhalterung
 055513

Valise de chantier
Heavy-duty case
Hartschalenkoffer
 060432

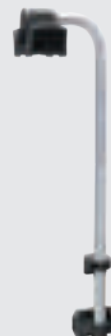
 ↓ 21 × 43
 × 57 cm

3.9 kg

**Fixation****INCLUDED**
Magnetfix 50
 029637
**OPTION****for
GYSFLASH**
 32.12 PL
 102.12
 123.12
 103.12
 103.24
 15.24 XTREM
 53.48
CONFIGURATION (Chariot - Trolley - Fahrwagen)
 ▲▲▲ VERTICAL ▲▲▲
 ▲▲▲
ALL GYSFLASH
- COMPATIBILITY -
 ▼▼▼ HORIZONTAL ▼▼▼
 ▼▼▼

Chariot - Trolley
Fahrwagen
 028890

SLM/SPM support
 028906

Cable support
 052284
**GYSFLASH CNT
PACKS**

101.12 CNT

121.12 CNT

CNT-SPM
+ roller + supportBarcode Scanner
+ support

Trolley



CNT SLM



CNT SHM



CNT PHM



Parallel cables kit

pack GYSFLASH CNT 1
 068117

✓

—

✓

✓

✓ QWERTY

✓

—

—

—

—

pack GYSFLASH CNT 2
 068124

✓

—

✓

✓

✓ AZERTY

✓

—

—

—

—

pack GYSFLASH CNT 3
 068131

—

✓

✓

✓

✓ QWERTY

✓

—

—

—

—

pack GYSFLASH CNT 4
 068148

—

✓

✓

✓

✓ AZERTY

✓

—

—

—

—

NEW **pack GYSFLASH CNT 5**
 072978

✓ x2

—

✓

✓

✓ AZERTY

✓

✓

✓

✓

✓

✓

NEW **pack GYSFLASH CNT 6**
 074972

✓ x2

—

✓

✓

✓ QWERTY

✓

✓

✓

✓

✓

✓

NEW **pack Parallel Charging**
 072961

—

—

—

—

—

—

—

✓

✓

✓

✓



ARTIC

CHARGERS



Mémorisation des réglages.
Redémarrage automatique en cas de coupure électrique.

Save and load settings.
Automatic restart in case of power cut.

Einstellungsspeicherung.
Automatisches Starten nach einem Netzausfall.



Start/stop Engine :
Compatible véhicules Start/Stop.
Compatible with Start/Stop vehicles.
Geegnet für START-STOP-Fahrzeuge.



Mode "Cold charge":
optimisation des performances en cas de temps froid ou de gel.

"Cold charge" mode:
performance-enhancing charging mode for cold or freezing weather conditions.

-Cold Charge--Modus:
Leistungsoptimierung bei kaltem Wetter oder bei Frost.

IP 65

WATER PROTECTION
ARTIC 1500, 4000 & 8000

CHARGERS ONLY



AUTOMATIC SMART HF INVERTER

I REGULATED
IUoU
FAST CHARGE

ARTIC 800

12V 0.8 A GO > 7 V



029569

UK: 029682



ARTIC 1500

12V 1.5 A GO > 7 V



029576

UK: 029699



ARTIC 4000

6/12V 4/1-4 A GO > 2 V (6V)
GO > 7 V (12V)



029583

UK: 029705



ARTIC 8000

2/8 A 12V GO > 7 V



029590

UK: 029712



INCLUDED

all ARTIC

Ceillels /
Eyelets /
Ösen
30 cm
026872

Pinces /
Clamps /
Klemmen
35 cm
026865

				CHARGE						SSM				CHARGER + TESTER			
					Moyen / Average (EN 60335)	Efficace / RMS		Polarity protection	Cold Charge	Self Start memory	Full security	Start/Stop engine	Fuse		CONTROL		
MADE IN CHINA	ARTIC 800	100-240V	15W	12V	0,8 A	—	—	•	—	•	—	—	—	—	—	13 × 6,5 × 3,8 cm	430 g
	ARTIC 1500	220-240V	27W	12V	1,5 A	—	—	•	—	•	—	—	—	—	—	15,2 × 7 × 4 cm	500 g
	ARTIC 4000	220-240V	75W	6V	4 A	—	2	•	•	•	•	•	—	OK	—	19,3 × 8 × 5,2 cm	780 g
				12V	1 A / 4 A	—	2	•	•	•	•	•	—	OK	—	22 × 9,6 × 5,9 cm	1130 g
MADE IN GYS CHINA	ARTIC 8000	220-240V	130W	12V	2 / 8 A	—	2	•	•	•	•	•	—	OK	—	22 × 9,6 × 5,9 cm	1130 g
	ENERGY 124	220-240V	70W	12V	3 A	4,5 A	—	—	—	•	—	—	10 A	—	—	11,5 × 16 × 22 cm	1900 g
	ENERGY 126	220-240V	90W	12V	4 A	6 A	—	—	—	•	—	—	10 A	—	—	11,5 × 16 × 22 cm	2000 g
	TCB 60 automatic	220-240V	85W	12V	2 - 4 A	6 A	2	•	—	•	—	—	10 A	OK	OK	12 × 17 × 29 cm	2500 g
	TCB 90 automatic	220-240V	120W	12V	2 - 5,5 A	8 A	2	•	—	•	—	•	15 A	OK	OK	12 × 17 × 29 cm	3200 g
	TCB 120 automatic	220-240V	150W	12V	3,5 - 7 A	10,5 A	2	•	—	•	—	•	15 A	OK	OK	12 × 17 × 29 cm	3200 g

ENERGY

PATENTS REGISTERED NUMBERS
001652090-0001
EUROPEAN TRADEMARK & DESIGN

TCB

PATENTS REGISTERED NUMBERS
001652090-0001
EUROPEAN TRADEMARK & DESIGN



33

ARTIC / ENERGY / TCB
CHARGERS



2 IN 1

CHARGE



TEST

12V • TRADITIONAL

W

12V • AUTOMATIC

WU

ENERGY 124

3A

SSM
023215



ENERGY 126

4A

SSM
023222
025165



TCB 60

2/4A

GO > 3.5 V

SSM (START STOP)
023253
025189



TCB 90

2/5.5A

GO > 3.5 V

SSM (START STOP)
023260
025202



TCB 120

3.5/7A

GO > 3.5 V

SSM (START STOP)
023284
025240



Fuse X10
10A 054530
15A 054493

	6V	12V	24V	5 Ah	10 Ah	15 Ah	20 Ah	40 Ah	80 Ah	90 Ah	110 Ah	120 Ah	180 Ah	240 Ah	300 Ah	+ Ah
RECOMMENDATION																
Maintenance																
ARTIC 800		•		1.6 > 25 Ah	1.6 Ah >			> 80 Ah								
ARTIC 1500		•			3 Ah >			> 40 Ah	3 Ah > 100 Ah							
ARTIC 4000	•	•			2 Ah >			> 70 Ah	2 Ah > 130 Ah							
ARTIC 8000		•			4 Ah >										4 Ah > 240 Ah	
ENERGY 124		•						10 > 45 Ah								
ENERGY 126		•						15 > 60 Ah								
TCB 60		•				10 Ah >		> 60 Ah								
TCB 90		•						15 > 90 Ah								
TCB 120		•								20 > 120 Ah						



CT

CHARGERS



CT 160

9 A1.5 m - 1.5 mm² → 40 A

024106

025325



CT 210

12 A1.5 m - 2.5 mm² → 40 A

024113

025349

12/24 V • MANUAL

W

MULTICHARGE



6 charging speeds

MULTICHARGE CT 48

32 A

026087

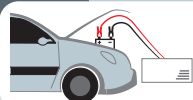
2 m - 6 mm² → 60 A

12/24/36/48 V • MANUAL

W

Fuse
x1010A
WATTMATIC 100
05453015A
CT 160,
WATTMATIC 140
05449320A
CT 210,
WATTMATIC 150 & 170
05450925A
CA 150,
WATTMATIC 180
05451640A
CT 48
05464650A
CA 360
054622

				CHARGE										
				Moyen / Average (EN 60335)			Efficace / RMS							
				Reg 1	Reg 2	Reg 3								
CT 160	230V, 50/60 Hz	190W	12/24V	12V > 7 A 24V > 3 A	9 A (boost) 5 A (boost)	—	13,5 A 7,5 A	2 2	15 A	20,5 × 30 × 13,5 cm	3,9 kg			
CT 210	230V, 50/60 Hz	260W	12/24V	12V > 8 A 24V > 4 A	12 A (boost) 6 A (boost)	—	18 A 9 A	2 2	20 A	22,5 × 33,5 × 14,5 cm	5,2 kg			
MULTICHARGE CT 48	230V, 50/60 Hz	1200W	12/24/36/48V	12V > 20,8 A	32,4 A		31 A	6	40 A	32,5 × 39,5 × 20,5 cm	15,5 kg			
				24V > 20,1 A	31,8 A		29 A	6						
				36V > 19,6 A	22,4 A (30,4 A boost)		29 A	6						
				48V > 15,5 A	18,7 A (24,3 A boost)		28 A	6						
CA 150	230V, 50/60 Hz	500W	12/24V	8 A	10 A (boost)	—	18 A	2	25 A	33 × 26 × 14 cm	6 kg			
CA 360	230V, 50/60 Hz	920W	12/24V	7 A	15 A (boost1)	25 A (boost2)	37 A	3	50 A	44 × 31 × 23 cm	14 kg			
WATTMATIC 100	230V, 50 Hz	170W	6/12V	3 A	5 A	—	11.4 A	2	10 A	24 × 26 × 13 cm	3.8 kg			
WATTMATIC 140	230V, 50 Hz	230W	6/12V	5 A	9 A (boost)	—	16.5 A	2	15 A	36 × 22 × 14 cm	4.8 kg			
WATTMATIC 170	230V, 50 Hz	280W	6/12V	6.5 A	10 A (boost)	—	18.8 A	2	20 A	36 × 22 × 14 cm	5 kg			



Protection for on-board electronics



CA 150

10 A



1.5 m - 2.5 mm²  40 A
024434

CA 360

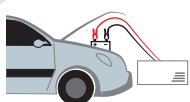
25 A



2 m - 6 mm² 60 A
023185

12/24 V • AUTOMATIC **W2**

WATTMATIC



Protection for on-board electronics



WATTMATIC 100

5A

GO > 3.5 V



024823

: 025417



WATTMATIC 140

9 A

GO > 3.5 V



025608

: 025622



WATTMATIC 170

10A

GO > 3.5 V



025615

 • 025639

1.8 m - 2.5 mm²  40 A

6/12V • AUTOMATIC **WUoU**

[illegible]

**BATIUM****SELF START
MEMORY****BATTERY VOLTAGE
DETECTION****ALL
BATTERIES**

CHARGERS

AUTOMATIC, SMART & FAST

**Microprocessor
Control****FULL
PROTECTION****On-board
electronics****Reverse
polarity****No
sparks****YouTube****PLAYLIST
BATIUM****BATIUM 7.12****7A****GO > 2 V****AUTO DETECT**1.5 m - 1.5 mm² ➤ 40 A**024496**

GB : 024557

**BATIUM 15.12****15A****GO > 0.5V****AUTO DETECT****SOS RECOVERY**1.5 m - 2.5 mm² ➤ 40 A**024519**

GB : 024632

**6/12V IWUoU****BATIUM 7.24****7A****GO > 2 V****AUTO DETECT**1.5 m - 1.5 mm² ➤ 40 A**024502**

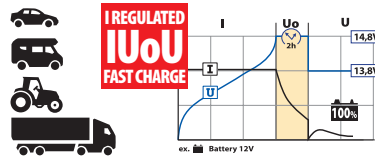
GB : 024625

**BATIUM 15.24****15A****GO > 0.5V****AUTO DETECT****SOS RECOVERY**1.5 m - 2.5 mm² ➤ 40 A**024526**

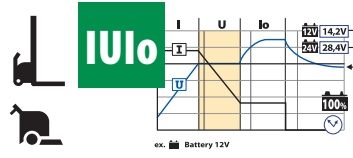
GB : 024588

**6/12/24V IWUoU**

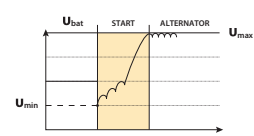
I REGULATED FAST CHARGE



+ TRACTION BATTERIES CHARGE



+ TEST



BATIUM 25.24 X

25 A

GO > 0.5V

2 m - 6 mm² 60 A
024830

SSM

START STOP

V

AUTO DETECT

SOS RECOVERY

SOS RECOVERY

6/12/24V

I REGULATED
IUIIo
FAST CHARGE

IUIIo

Specific charge
Traction batteries



Fuse
x10

15A
BATIUM 7/12 & 7/24
054493

30A
BATIUM 15/12 & 15/24
054523

	5 Ah	10 Ah	15 Ah	20 Ah	40 Ah	80 Ah	90 Ah	110 Ah	120 Ah	180 Ah	240 Ah	300 Ah	+ Ah
RECOMMENDATION	6V	12V	24V		6V								
BATIUM 7/12	•	•											
BATIUM 7/24	•	•	•										
BATIUM 15/12	•	•											
BATIUM 15/24	•	•	•										
BATIUM 25.24 X	•	•	•										

MADE IN FRANCE	 50 / 60 Hz		CHARGE 							 Fuse			 SOS RECOVERY
					Efficace / RMS	Moyen / Average							
						(EN 60335)			boost				
						Reg 1	Reg 2	Reg 3					
BATIUM 7.12	230V	105W	6/12V	2	11 A	3 A	—	—	7 A	15 A	21 × 34 × 13 cm	4.6 kg	—
BATIUM 15.12	230V	225W	6/12V	3	22 A	7 A	10 A	—	15 A	30 A	21 × 36 × 14 cm	5.6 kg	●
BATIUM 7.24	230V	210W	6/12/24V	2	11 A	3 A	—	—	7 A	15 A	21 × 34 × 13 cm	5.4 kg	—
BATIUM 15.24	230V	450W	6/12/24V	3	22 A	7 A	10 A	—	15 A	30 A	21 × 36 × 14 cm	7.1 kg	●
BATIUM 25.24X	230V	1150W	6/12/24V	3	37 A	7 A	15 A	25 A	—	—	28 × 42 × 23 cm	13.4 kg	●



START / NEOSTART

CHARGERS & STARTERS

SELF START
MEMORY

3 in 1

CHARGE



TEST



START



12V • AUTOMATIC

W2

STARTUP 80

17 A



024922

025127



12V

12/24V • TRADITIONAL

W

START 200

18 A

1.5 m - 6 mm² → 60 A

025530



START 300

23 A

2 m - 10 mm² → 220 A

025547



NEOSTART 320

9 / 40 A

2 m - 10 mm² → 220 A

025301

DESIGN
GYS FRANCEMADE IN
GYS CHINA

	I ₁				CHARGE 							START 					
			CHARGE kW	START kW		Efficace / RMS	Moyen / Average (EN 60335)	Boost	Automatic	Manual	 min › max	1V/C	0V/C				
50 / 60 Hz																	
230 V	13 A	12 V	0,35	1	2	13,5-25 A	9 A	17 A	•	—	40 › 170 Ah	50 A	80 A	—	—	12 × 18× 32 cm	4,4 kg
230 V	13 A	12 V	0,39	1,4	3	15-25 A	11 A	18 A	—	•	53 › 240 Ah	80 A	120 A	—	50 A	37 × 26× 18 cm	8 kg
230 V	13 A	12 V	0,8	3,6	3	13-36 A	10 A	23 A	—	•	42 › 300 Ah	100 A	165 A	—	80 A	43 × 33× 23 cm	13,8 kg
	13 A	24 V	1,2	3,6			8 A	17 A	38 › 224 Ah								
230 V	13 A	12 / 24 V	0,8	6,5	3	40 A	10 A	40 A	—	•	20 › 700 Ah	160 A	270 A	—	150 A	41 × 30× 21 cm	14,7 kg
							9 A	30 A									
230 V	16 A	12 / 24 V	1,7	9	3	70 A	20 A	40 A	—	•	20 › 1000 Ah	250 A	420 A	—	200 A	47 × 32× 27 cm	20,9 kg
230 V	16 A	12 / 24 V	2	10	3	90 A	30 A	60 A	—	•	20 › 1350 Ah	330 A	620 A	—	200 A	47 × 32× 27 cm	24 kg



12/24 V • TRADITIONAL W

NEOSTART 420

40 A

SSM

1.8 m - 10 mm² 500 A

025295

025479



NEOSTART 620

60 A

SSM

1.8 m - 16 mm² 500 A

025288

025486



Fuse
x2



50 A
Start 200
054622

80 A
Start 300
054653



150 A
Neostart 320
054639

200 A
Neostart 420, 620
054547

	6V	12V	24V	5 Ah	10 Ah	15 Ah	20 Ah	6V	40 Ah	80 Ah	90 Ah	110 Ah	120 Ah	180 Ah	240 Ah	300 Ah	+ Ah
RECOMMENDATION																	
START UP 80		•							35 > 50 Ah								
START 200		•							35 > 40 Ah	40 > 80 Ah							
START 300		•	•						35 > 50 Ah	50 > 100 Ah							
NEOSTART 320		•	•						35 > 60 Ah	60 > 120 Ah							
NEOSTART 420		•	•							35 > 80 Ah	80 > 160 Ah						
NEOSTART 620		•	•							45 > 100 Ah				100 > 200 Ah			



STARTIUM / DIAG-STARTIUM

CHARGERS & STARTERS

3 in 1



AUTOMATIC CHARGE

= BATTUM



AUTOMATIC START



TEST ALTERNATOR



TIMER



UNIVERSAL MODE

**AUTO
SELECTION**



**SULFATED
BATTERIES**



**ALL
BATTERIES**



>1V



**FULL
PROTECTION**



On-board
electronics



Over
voltage



No
sparks



YouTube

**PLAYLIST
STARTIUM**



12/24V • AUTOMATIC IWUOLU

STARTIUM 330E

25 A

1,9 m - 10 mm² ➤ 500 A

026469

STARTIUM 480E

40 A

1,9 m - 16 mm² ➤ 600 A

026483

☎ : 025578

STARTIUM 680E

45 A

2,2 m - 25 mm² ➤ 600 A

026490

☎ : 025585

MADE IN FRANCE		I ₁		CHARGE 							START 			BSU				CCA I (EN) START			
	50 / 60 Hz		CHARGE kW	START kW		min › max	Efficace / RMS	Moyen / Average (EN 60335)		Boost	Automatic		1V/C		0V/C	AUTO START					
STARTIUM 330E	230 V	16 A	0,8	6,5	12 V 24 V	20 › 370 Ah 20 › 300 Ah	40 A	25 A	4	—	●	12 V : 24 V :	165 A 130 A	270 A 210 A	●	—	100 A	43 × 26 × 26 cm	16,3 kg	500 A	
STARTIUM 480E	230 V	16 A	1,7	9	12 V 24 V	20 › 600 Ah 20 › 450 Ah	65 A	30 A	4	40 A	●	12 V : 24 V :	280 A 210 A	390 A 290 A	●	—	200 A	31 × 48 × 80 cm	28,6 kg	750 A	
STARTIUM 680E	230 V	16 A	2	10	12 V 24 V	20 › 675 Ah 20 › 525 Ah	75 A	30 A	4	45 A	●	12 V : 24 V :	380 A 270 A	550 A 380 A	●	—	200 A	31 × 48 × 80 cm	31 kg	900 A	
STARTIUM 980E	230 V	16 A	2	12	12 V 24 V	20 › 750 Ah 20 › 525 Ah	80 A	40 A	4	50 A	●	12 V : 24 V :	500 A 400 A	720 A 560 A	●	—	250 A	31 × 48 × 80 cm	36 kg	1400 A	
DIAG STARTIUM 60-12	230 V	16 A	2	10	12 V	20 › 900 Ah	95 A	60 A	4	—	●	12 V :	310 A	440 A	●	●	200 A	48 × 35 × 90 cm	36 kg	900 A	
DIAG STARTIUM 60-24	230 V	16 A	2	10	6 V	20 › 900 Ah	65 A	40 A	4	—	—	6 V :	—	—	●	●	200 A	48 × 35 × 90 cm	36 kg	900 A	
					12 V	20 › 900 Ah	95 A	60 A				●	12 V :	300 A							430 A
					24 V	20 › 525 Ah	65 A	40 A				●	24 V :	280 A							410 A



BSU
Battery
Support
Unit



POWER SUPPLY
DIAG+ 60A
Voltage adjustable
12 V • 15 V



35/50 mm²

NATO
OTAN Compatibility
p.53



12V •

AUTOMATIC

IWUoU

+ BSU •

12/24V

STARTIUM 980E

50 A

2,5 m - 35 mm² ➤ 600 A

026506



Disconnectable

DIAG STARTIUM 60-12

60 A

2,2 m - 25 mm² ➤ 600 A

026513

DIAG STARTIUM 60-24

60 A

2,2 m - 25 mm² ➤ 600 A

026520

☒ : 025592



Fuse
x2

100A
Startium 330E
054394

200A
Startium 480E, 680E,
Diag. 60-12, 60-24
054547

250A
Startium 980E
055568



RECOMMENDATION

	6V	12V	24V	5 Ah	10 Ah	15 Ah	20 Ah	40 Ah	80 Ah	90 Ah	110 Ah	120 Ah	180 Ah	240 Ah	300 Ah	+ Ah
STARTIUM 330E		•	•						40 • 80 Ah		80 • 120 Ah					
STARTIUM 480E		•	•						40 • 120 Ah		120 • 160 Ah					
STARTIUM 680E		•	•						50 • 180 Ah			180 • 200 Ah				
STARTIUM 980E		•	•									50 • 240 Ah				
DIAG STARTIUM 60-12		•	•							50 • 180 Ah		180 • 200 Ah				
DIAG STARTIUM 60-24	•	•	•							50 • 180 Ah		180 • 200 Ah				

Precharge (± 10 min)



STARTFLASH

CHARGERS / BSU & STARTERS

CNT Connected Technology

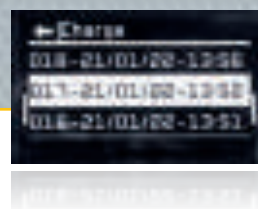
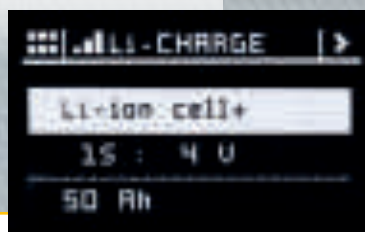
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FR	SE	CZ	CN traditional
DE	DK	PL	JP
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ES	TR	UA	
PT	HR		
IT	HU		



4 in 1

AUTOMATIC CHARGE

Pb AUTOMOTIVE

- ✓ GEL
- ✓ AGM
- ✓ LIQUID
- ✓ EASY
- ✓ EXPERT
- ✓ NORMAL
- ✓ BOOST
- ✓ RECOVERY+

Pb TRACTION

- ✓ GEL
- ✓ LIQUID

LITHIUM READY

- ✓ LFP/LiFePO₄
- ✓ LI-ION STD
- ✓ LFP CELL+
- ✓ LI-ION CELL+

BSU

DIAG +



U2 ADJUSTABLE

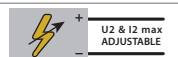
SHOWROOM



CHANGE BATTERY



POWER SUPPLY



U2 & I2 max ADJUSTABLE

AUTOMATIC STARTER

- ✓ START

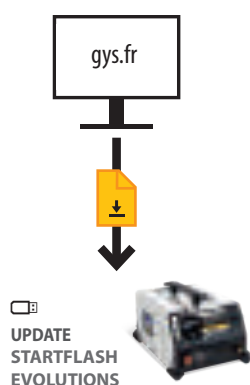
TEST

- ✓ VOLTAGE
- ✓ START UP
- ✓ ALTERNATOR

CNT

Connected Technology

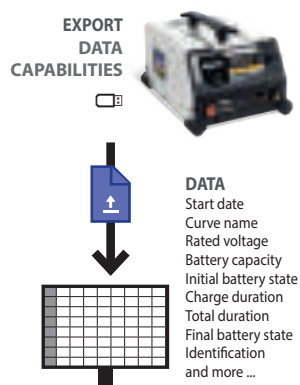
SOFTWARE UPDATE



CUSTOMIZATION



TRACEABILITY

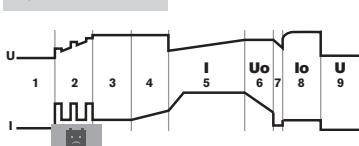


Connected Modules & Technology p.27



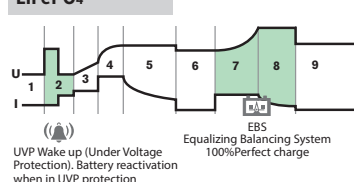
SMART 9 STEP

Pb



1. Status analysis
2. Recovery
3. Sulphation test
4. Desulfation
5. Fast charge 80%
6. Absorption
7. Test Absorption
8. Refresh
9. Floating 100%

LiFePO₄



1. Status analysis
2. UVP Wake Up
3. Recovery
4. Fast charge 90%
5. Absorption 95%
6. Test
7. Completion
8. Equalization
9. Floating 100%

FULL PROTECTION

- On-board electronics
- Over voltage
- No sparks

UNIVERSAL MODE **AUTO SELECTION**

SULFATED BATTERIES
ALL BATTERIES

GO >1V

PFC POWER FACTOR CORRECTION
185 V ← 265 V
110 V 230 V

1 **WORLD PREMIERE**

GYS

43

STARTFLASH

CHARGERS & STARTERS

NEW



6/12/24 V • AUTOMATIC

STARTFLASH 120.24 CNT

2,300 A

5 m - 35 mm² 700 A

073616

OPTION



STARTER RECOMMENDATION

6V 12V 24V



+300 Ah

STARTFLASH 120

10 > 180 Ah

Précharge

180 > 250 Ah

MADE IN FRANCE

50/60 Hz



START MINI

CHARGE

I_{max}

25°C @100 %

40°C @100 %



TRACTION BATTERIES

START

1V/C

0V/C

AUTO START

IP



STARTFLASH 120.24 CNT

85 > 265 V

6/12/24 V

3500 W

2 V

110 V : 100 A
230 V : 120 A

75 A
110 A

55 A
90 A

20 > 1200 Ah

•

6/12/24 V

150 A

300 A

300 A

300 A

•

20

32 x 25 x 40,6 cm

13,9 kg



GYSPACK

BOOSTERS

Pb/Lead  **INSIDE**

POWER SUPPLY
12V DC

COMPRESSOR

 Air Kit
included
4 bars

12 V
18 Ah
INSIDE
HOBBIES  **PRO**
OCCASIONAL  **INTENSIVE**
GYSPACK 400 
1 250 A
480 A
1V/C

GYSPACK AIR 
1 250 A
480 A
1V/C

12 V
22 Ah
INSIDE
GYSPACK 600
1 750 A
550 A
1V/C

 0.6 m - 16 mm² → 300 A

 025455
 025516

 1.1 m - 25 mm² → 500 A

026322


 0.6 m - 16 mm² → 300 A

 027336
 027497

INCLUDED GYSPACK 400 / AIR / 600 / PRO

OPTION

 MEMORY AUTO SAVE
 CABLE OBD 1,5 m
 054202


Fuse 7,5 A

CHARGER

 ⊕ Power in 110-240 V / out 12 V
 50/60 Hz
 054677
 054660

WU
FV FLEXIBLE VOLTAGE

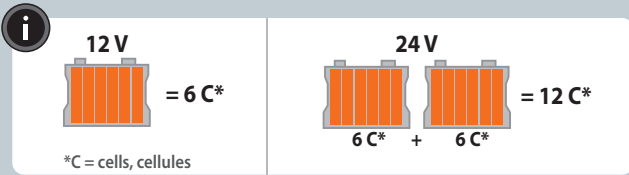
 85 V — 265 V


 Après chaque utilisation
 After each use
 Nach jeder Anwendung

 DESIGN
 GYS FRANCE
 MADE IN
 GYS CHINA

	Inside	START	1V/C	Cranking CC	Peak Battery	ON/OFF	⊕/⊖	Fuse	AIR	Power Supply	EXTERNAL Charge 230V	TEST OK	↕	📦	👤
GYSPACK 400	12V-18 Ah	12V	480 A	900 A	1250 A	—	—	—	—	→ 12V DC/0,5A	12V DC/1,2A	•	26×10×29 cm	30×18×37 cm	6,5 kg
GYSPACK AIR	12V-18 Ah	12V	480 A	900 A	1250 A	•	•	—	4 bars	→ 12V DC/0,5A	12V DC/1,2A	•	33×17×37 cm	36×20×43 cm	8,7 kg
GYSPACK 600	12V-22 Ah	12V	550 A	1050 A	1750 A	—	—	—	—	→ 12V DC	12V DC/1,2A	•	26×10×29 cm	30×18×37 cm	6,5 kg
GYSPACK PRO	12V-22 Ah	12V	600 A	1100 A	1750 A	•	•	—	—	→ 12V DC	12V DC/1,2A	•	35×14×37 cm	39×17×45 cm	9 kg
GYSPACK HERITAGE 6/12	6V-2 x 20 Ah	6V 12V	400 A 450 A	800 A 850 A	3200 A 1600 A	•	•	1 x 300 A	—	→ 12V DC	12V DC/2A	•	37×20×46 cm	39×22×50 cm	18 kg

HERITAGE 6/12 V



HOBBIES **PRO**
OCCASIONAL **INTENSIVE**

GYSPACK PRO

1 750 A

600 A
1V/C



1.1 m - 25 mm² ➔ 500 A

026155
🇬🇧 : 025523

6 / 12 V

20 Ah

20 Ah

INSIDE

HOBBIES **PRO**
OCCASIONAL **INTENSIVE**

GYSPACK HERITAGE 6/12

6 V

3 200 A

400 A
1V/C

12 V

1 600 A

450 A
1V/C

1.8 m - 25 mm² ➔ 600 A

025844



INCLUDED GYSPACK Heritage

CHARGER

⚡ Power in 110-240 V / out 12 V
50/60 Hz
054684
🇬🇧 : 054691



1 REGULATED
100V
FAST CHARGE

FV FLEXIBLE
VOLTAGE
85 V — 265 V



RECOMMENDATION

	6V	12V	24V	5 Ah	10 Ah	15 Ah	20 Ah	40 Ah	80 Ah	90 Ah	110 Ah	120 Ah	180 Ah	240 Ah	300 Ah	+ Ah
GYSPACK AUTO / 400		•						> 50 Ah								
GYSPACK AIR		•						> 50 Ah								
GYSPACK 600		•						> 90 Ah								
GYSPACK PRO		•						> 90 Ah								
GYSPACK HERITAGE	•	•					> 140 Ah	> 50 Ah								



GYSPACK

BOOSTERS

Pb/Lead  INSIDE



POWER SUPPLY
12V DC

FOR GYSPACK 660/750/800/700/900

Fuse
x2

200 A
054547

300 A
054561



OPTION

MEMORY AUTO SAVE
CABLE OBD 1,5 m
054202

Fuse 7,5 A



SPIRAL TECHNOLOGY



12 V

28 Ah

INSIDE

HOBBIES OCCASIONAL PRO
INTENSIVE

GYSPACK 660

1 900 A

640 A
1V/C

1.3 m - 25 mm² → 600 A

027862

027879



INCLUDED GYSPACK 660

CHARGER

⊖ Power in 100-240 V / out 12 V
50/60 Hz
027992

025929



FV FLEXIBLE
VOLTAGE
85 V — 265 V

12 V

28 Ah

INSIDE

HOBBIES OCCASIONAL PRO
INTENSIVE

GYSPACK 750

2 500 A

750 A
1V/C

1.3 m - 25 mm² → 600 A

026179

026353



INCLUDED GYSPACK 750

CHARGER

⊖ Power in 110-240 V / out 12 V
50/60 Hz
054684

054691



FV FLEXIBLE
VOLTAGE
85 V — 265 V



Après chaque utilisation
After each use
Nach jeder Anwendung

DESIGN GYS FRANCE

MADE IN
GYS CHINAMADE IN
FRANCE

		Inside	START 				CHARGER INSIDE		EXTERNAL Charge 230 V	Protection		Power out						
			1V/C	Cranking CC	Peak Battery					ON/OFF			Memory					
MADE IN GYS CHINA	GYSPACK 660	28 Ah	12V	640 A	1200 A	1900 A	•	—	110 - 240 V	12V/2 A DC	•	•	⊖ 12V DC	—	1 × 200 A	35×19 ×40 cm	39×23 ×45 cm	13,5 kg
	GYSPACK 750	28 Ah	12V	750 A	1450 A	2500 A	•	—	110 - 240 V	12V/2 A DC	•	•	⊖ 12V DC	—	2 × 200 A	35×19 ×40 cm	39×23 ×45 cm	13,5 kg
	GYSPACK PRO 800	28 Ah	12V	700 A	1320 A	2500 A	•	—	110 - 240 V	12V/2 A DC	•	•	⊖ 12V DC	10 A	2 × 200 A	31×19 ×35 cm	32×23 ×37 cm	18.4 kg
MADE IN FRANCE	GYSPACK PRO 700	16 Ah	12V	640 A	1200 A	1800 A	•	•	220 - 240 V	—	•	•	⊖ 12V DC	10 A	1 × 200 A	33 × 15 × 32 cm	35 × 24 × 36 cm	12 kg
	GYSPACK PRO 900	30 Ah	12V	830 A	1700 A	3100 A	•	•	220 - 240 V	—	•	•	⊖ 12V DC	10 A	1 × 300 A	33 × 15 × 32 cm	35 × 24 × 36 cm	16 kg



STARTPACK

BOOSTERS

Pb/Lead INSIDE

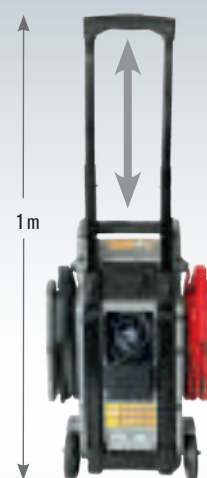


POWER SUPPLY
12V DC

YouTube



PLAYLIST
STARTPACK



12/24 V

22 Ah

22 Ah

INSIDE

HOBBIES
OCCASIONAL

PRO

INTENSIVE

STARTPACK TRUCK

12V	3 200 A	750 A 1V/C
24V	1 600 A	650 A 1V/C



1.8 m - 25 mm² 600 A 025448
054684 026339

STARTPACK TRUCK MOBILE

12V	3 200 A	750 A 1V/C
24V	1 600 A	650 A 1V/C

1.8 m - 25 mm² 600 A 026025
054684 028807

INCLUDED STARTPACK TRUCK & TRUCK MOBILE



Après chaque utilisation
After each use
Nach jeder Anwendung

OFF

CHARGER

Power in 110-240 V / out 12 V
50/60 Hz
054684
054691



REGULATED
100V
FAST CHARGE

FV FLEXIBLE
VOLTAGE
85 V 265 V

OPTION

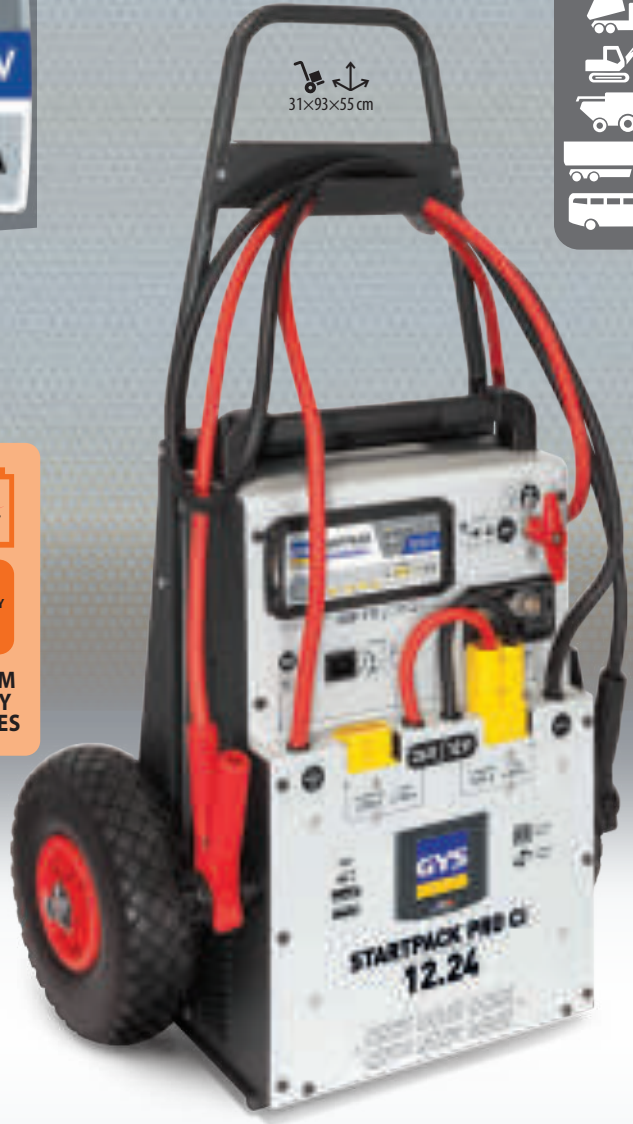
MEMORY AUTO SAVE
CABLE OBD 1,5 m
054202

Fuse 7,5A



DESIGN GYS FRANCE

DESIGN GYS FRANCE		 Inside	START 				 TEST	 OK	 50 / 60 Hz	CHARGER INSIDE	EXTERNAL Charge 230V 	Protection			Power out		 Fuse	 Fuse			
				1V/C	Cranking CC	Peak Battery						 ON OFF			 Memory						
MADE IN GYS CHINA	STARTPACK TRUCK	2 × 22 Ah	12V	750 A	1450 A	3200 A	●	110- 240 V	—	12 V/2 A DC	●	●	↻ 12V DC	—	1 × 300 A	37 × 20 × 46 cm	39 × 22 × 50 cm	18 kg			
	/ TRUCK MOBILE		24V	650 A	1300 A	1600 A							↻ 12V DC	—					37 × 20 × 57 cm	39 × 24 × 60 cm	21 kg
MADE IN FRANCE	STARTPACK 12.24 CI	2x 16 Ah	12V	900 A	1700 A	3600 A	—	220 - 240 V	4 A	—	●	●	—	—	1 × 300 A	26 × 20 × 48 cm	34 × 20 × 51 cm	19 kg			
			24V	700 A	1350 A	1800 A							—	—							
3	STARTPACK PRO 12.24 CI	2x 30 Ah	12V	1300 A	2400 A	6200 A	—	220 - 240 V	4 A	—	●	●	—	—	1 × 300 A	14 × 35 × 56 cm	63 × 39 × 30 cm	34 kg			
			24V	1200 A	2250 A	3100 A							—	—							



12/24 V 16 Ah + 16 Ah **INSIDE** HOBBIES OCCASIONAL **PRO INTENSIVE**

12/24 V 30 Ah + 30 Ah **INSIDE** HOBBIES OCCASIONAL **PRO INTENSIVE**

STARTPACK 12.24 CI

12V	3600 A	900 A 1V/C	24V ★	1 800 A	700 A 1V/C
-----	---------------	----------------------	-----------------	----------------	----------------------

1.8 m - 35 mm² 600 A **024991**
068155

STARTPACK PRO 12.24 CI

12V	6200 A	1300 A 1V/C	24V ★★★	3100 A	1200 A 1V/C
-----	---------------	-----------------------	-------------------	---------------	-----------------------

2 m - 50 mm² 600 A **028920**
068162

INCLUDED STARTPACK 12.24 & PRO 12.24

INTEGRATED CHARGER

7 STEP



Après chaque utilisation
After each use
Nach jeder Anwendung

Fuse x2 200 A 054547 300 A 054561

	5 Ah	10 Ah	15 Ah	20 Ah	40 Ah	80 Ah	90 Ah	110 Ah	120 Ah	180 Ah	240 Ah	300 Ah	+ Ah
i RECOMMENDATION	6V	12V	24V										
STARTPACK TRUCK		•	•						› 150 Ah				
STARTPACK TRUCK MOBILE		•	•						› 150 Ah				
STARTPACK 12.24 CI		•	•						› 160 Ah				
STARTPACK PRO 12.24 CI		•	•						› 220 Ah				



STARTPACK

BOOSTERS



YouTube

PLAYLIST
STARTPACK



SMART STARTER MANAGEMENT SYSTEM



FULL
PROTECTION



On-board
electronics

Over
voltage



Reverse
polarity

No
sparks



AUTO DETECT

Battery voltage
detection



Microprocessor
Control



TIMER
Adjustable



HIGH QUALITY
BATTERIES



INCLUDED

GYSFLASH
XL 6.12

1.9 m



1.9 m

7
STEP

6 A - Advanced technology
8 step smart charge

12/24 V

50 Ah
SPIRAL

50 Ah
SPIRAL

INSIDE

HOBBIES
OCCASIONAL

PRO +++
INTENSIVE

STARTPACK PRO 12.24 XL

12V

8 500 A

1600 A
1V/C

24V
★★★★

4 250 A

1400 A
1V/C

2 m - 70 mm² → 1000 A 026711



Après chaque utilisation
After each use
Nach jeder Anwendung

MADE IN FRANCE

STARTPACK PRO 12.24 XL

ENERGY STATION FP

	Inside	START				CHARGE			CHARGER 	Protection				
		Battery	1 V/C	Cranking CC	Peak Battery	min	max			ON/OFF	⚡	Fuse		
STARTPACK PRO 12.24 XL	2× 50 Ah	12 V	1 600 A	3 000 A	8 500 A	—	—	•	6 A outside	• automatic	•	300 A	2 m ø 70 mm ²	106 × 32 × 35 cm
		24 V	1 400 A	2 600 A	4 250 A	—	—	•	30 A inside	• manual	•	300 A	2,5 m ø 50 mm ²	112 × 35 × 43 cm
ENERGY STATION FP		selon batteries/according to battery /je nach Batterie (Pb only)				12/24 V	100 > 375 Ah (x2)	•	30 A inside	• manual	•	300 A	70 × 65 × 91 cm	80 × 53 × 28 cm
														29 kg + batteries

OPTION



STANDARD CABLES
1000 A - 70 mm² - 4 m
026827

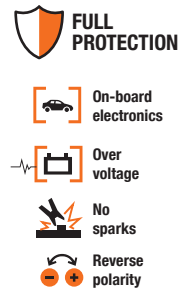
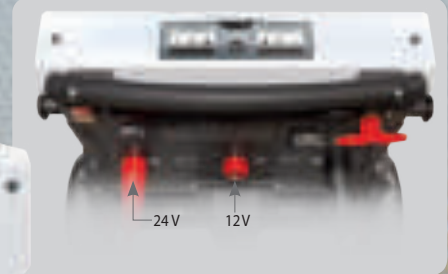


NATO CABLES
3 m - 50 mm²
072589

NATO
CONNECTOR
026780



NATO ID / NCAGE :
F8154 CG730



HOBBIES **PRO**
OCCASIONAL  **INTENSIVE +++**

**INTEGRATED
CHARGER**

		RECOMMENDATION																						
		5 Ah		10 Ah	15 Ah	20 Ah		30 Ah		40 Ah		60 Ah	80 Ah	90 Ah	110 Ah	120 Ah	180 Ah	240 Ah	300 Ah	+ Ah				
		12V	24V																					
STARTPACK PRO 12.24 XL		•	•							› 250 Ah										›				
ENERGY STATION FP		–	–							35 › 375 Ah										›				

SELECT THE RIGHT BOOSTER

CHOISISSEZ VOTRE BOOSTER • WÄHLEN SIE IHREN BOOSTER AUS

		6/12 V	12 V									12-24 V				
		GYSPACK HERITAGE	GYSPACK 400	GYSPACK AIR	GYSPACK 600	GYSPACK PRO	GYSPACK 660	GYSPACK PRO 700	GYSPACK 750	GYSPACK PRO 800	GYSPACK PRO 900	STARTPACK TRUCK/ TRUCK MOBILE	STARTPACK 12.24 CI	STARTPACK PRO 12.24 CI	STARTPACK PRO 12.24 XL	ENERGY STATION FP
		025844	025455	026322	027336	026155	027862	027077	026179	068759	027084	025448 / 026025	024991	028920	026711	069589
	6 V		12 V	12 V	12 V	12 V	12 V	12 V	12 V	12 V	12 V	12 V	12 V	12 V	12 V	12 V
	12 V		12 V	12 V	12 V	12 V	12 V	12 V	12 V	12 V	12 V	24V	24V	24V	24V	24V
	1V/C	400 (6 V)	480 A	480 A	550 A	600 A	640 A	640 A	750 A	700 A	830 A	750 (12 V)	900 A (12 V)	1300 A (12 V)	1600 A (12 V)	/
		450 (12 V)										650 (24 V)	700 A (24 V)	1200 A (24 V)	1400 A (24 V)	
	CC	800 (6 V)	900 A	900 A	1050 A	1100 A	1200 A	1200 A	1450A	1320 A	1700 A	1450 A (12 V)	1700 A (12 V)	2400 A (12 V)	3000 A (12 V)	
		850 (12 V)										1300 A (24 V)	1350 A (24 V)	2250 A (24 V)	2600 A (24 V)	
	PEAK	3200 (6 V)	1250 A	1250 A	1750 A	1750 A	1900 A	1800 A	2500 A	2500 A	3100 A	3200 A (12 V)	3600 A (12 V)	6200 A (12 V)	8500 A (12 V)	
		1600 (12 V)										1600 A (24 V)	1800 A (24 V)	3100 A (24 V)	4250 A (24 V)	
		2 × 20 Ah	18 Ah	18 Ah	22 Ah	22 Ah	28 Ah	16 Ah <i>EnerSys</i>	28 Ah	28 Ah	30 Ah <i>EnerSys</i>	2 × 22 Ah	2 × 16 Ah <i>EnerSys</i>	2 × 30 Ah <i>EnerSys</i>	2 × 50 Ah <i>EXIDE</i> TECHNOLOGIES	
												-				
		outside 2 A	outside 0,5 A	outside 0,5 A	outside 0,5 A	outside 0,5 A	outside 2 A	inside 2,5 A	outside 2 A	outside 2 A	inside 2,5 A	outside 2 A	inside 4 A	inside 4 A	outside 6 A	inside 30A
		Floating	W2	W2	W2	W2	Floating	Floating	Floating	Floating	Floating	Floating	Floating	Floating	Floating	Floating
		12 V DC	12 V DC	12 V DC	12 V DC	12 V DC	12 V DC	12 V DC	12 V DC	12 V DC	12 V DC	12 V DC				
		1,8 m ø25 mm²	0,6 m ø16 mm²	1,1 m ø25 mm²	0,6 m ø16 mm²	1,1 m ø25 mm²	1,3 m ø25 mm²	1,4 m ø25 mm²	1,3 m ø25 mm²	1,8 m ø25 mm²	1,8 m ø35 mm²	1,8 m ø25 mm²	1,8 m ø35 mm²	2 m ø50 mm²	2 m ø70 mm²	2,5 m ø50 mm²
		37×20×46	26×10×29	33×17×37	26×10×29	35×14×37	35×19×40	33×15×32	35×19×40	31×19×35	33×15×32	37×20×46/ 37×20×57	34×18×46	63×39×30	112×35×43	70×65×91
		18 kg	6,5 kg	8,5 kg	6,5 kg	9 kg	13,5 kg	12 kg	13,5 kg	18,4 kg	16 kg	18/21 kg	22 kg	34 kg	68 kg	29 kg +



OFF

Après chaque utilisation
After each use
Nach jeder Anwendung

ATTENTION HORS UTILISATION
Laisser le chargeur branché
en permanence.

CAUTION ON STAND BY
Keep your GYSPACK connected to the mains supply.

ACHTUNG WENN NICHT IN GEBRAUCH
Ladegerät dauernd angeschlossen lassen.

ATTENTION CUANDO ESTA APAGADO
Dejar el cargador conectado permanentemente.

OPGELET BIJTEN GEBRUIK
Laat de lader onafgebroken aangesloten.



**MINI
PRO**



PRO

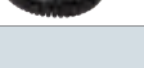


UNIVERSAL PRO



NATO / OTAN : PRODUITS COMPATIBLES

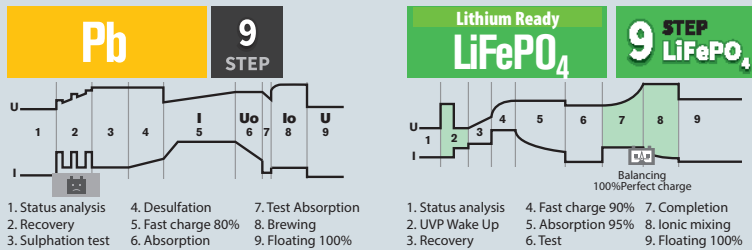
- Compatible Products - Kompatible Produkte

	GYSFLASH 30.12, 50.12 FV 100.12, 101.12 CNT 30.24, 50.24 102.12, 32-12PL	GYSFLASH 101.24 CNT FV 121.12 CNT FV	GYSFLASH 123.12 CNT FV 103.24 CNT FV	GYSFLASH 53.48 CNT FV	GYSFLASH 15.24 XTREM	STARTIUM 980E	STARTPACK PRO 12.24 XL
 NATO CONNECTOR 026780	✓	—	—	✓	—	—	—
 Anderson/NATO 5 m - 16 mm² 026810	✓	—	—	✓	—	—	—
 Texas/NATO 5 m - 25 mm² 025707	—	✓	✓	—	—	—	—
 Texas/NATO 10 m - 25 mm² 056626	—	—	—	—	—	—	—
 Texas/NATO 3.5 m - 50 mm² 025653	—	—	—	—	—	✓	—
 Anderson/NATO 2 m - 50 mm² 026803	—	—	—	—	—	—	✓
 Anderson/NATO 3 m - 50 mm² 072589	—	—	—	—	—	—	✓
 2pts/NATO 5 m - 4 mm² 025837	—	—	—	—	✓	—	—
 2pts/NATO Spiral 5 m 028968	—	—	—	—	✓	—	—



BATTERIES DE TRACTION : PRODUITS COMPATIBLES -

Compatible Products - Kompatible Produkte



BATIUM 25/24 X



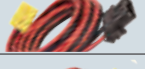
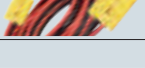
GYSFLASH 30.24
50.24 & 101.24



GYSFLASH 103.24
53.48



		6 h	7 h	8 h	9 h	10 h	11 h	12 h	13 h	14 h	CURRENT
24 V	BATIUM 25.24 X	75 Ah	90 Ah	120 Ah	125 Ah	130 Ah	140 Ah	155 Ah	165 Ah	180 Ah	25 A
	GYSFLASH 15.24 PLE	65 Ah	70 Ah	85 Ah	95 Ah	105 Ah	115 Ah	125 Ah	135 Ah	150 Ah	15 A
	GYSFLASH 30.24	105 Ah	115 Ah	140 Ah	160 Ah	175 Ah	190 Ah	220 Ah	225 Ah	250 Ah	25 A
	GYSFLASH 51.12	210 Ah	230 Ah	280 Ah	315 Ah	350 Ah	380 Ah	415 Ah	450 Ah	500 Ah	50 A
	GYSFLASH 50.24	420 Ah	460 Ah	560 Ah	630 Ah	700 Ah	760 Ah	830 Ah	900 Ah	1000 Ah	100 A
	GYSFLASH 101.24	420 Ah	460 Ah	560 Ah	630 Ah	700 Ah	760 Ah	830 Ah	900 Ah	1000 Ah	100 A
48 V	GYSFLASH 103.24	420 Ah	460 Ah	560 Ah	630 Ah	700 Ah	760 Ah	830 Ah	900 Ah	1000 Ah	100 A
	GYSFLASH 25.48	105 Ah	115 Ah	140 Ah	160 Ah	175 Ah	190 Ah	220 Ah	225 Ah	250 Ah	25 A
	GYSFLASH 51.48 GYSFLASH 53.48	210 Ah	230 Ah	280 Ah	315 Ah	350 Ah	380 Ah	415 Ah	450 Ah	500 Ah	50 A

100 A		Cables Anderson 175A/Texas	
		5 m - 25 mm²	025721
100 A		Cables REMA 160A/Texas	
		5 m - 25 mm²	025714
15 A		Cables REMA 160A/Anderson	
50 A		5 m - 16 mm²	069091
30 A		Cables Anderson 175A/Anderson	
50 A		5 m - 16 mm²	069107



NOMADPOWER

BOOSTERS

LITHIUM INSIDE



SPECIAL HOBBY • Utilisation non professionnelle
• Non professional use • Nicht für gewerblichen Gebrauch.



4700 Pa



12V

NOMAD POWER VAC 350

400 A

0,26 m - 5,26 mm² → AWG10

028937



ACCESSORIES
included for NOMAD POWER VAC 350

SMART CABLE
MULTI SECURITIES



NOMAD POWER 300

350 A

0,28 m - 5,2 mm² → AWG10

025875



ACCESSORIES
included for NOMAD POWER 300



NOMAD POWER 400

500 A

0,28 m - 5,2 mm² → AWG10

025882



ACCESSORIES
included for NOMAD POWER 400



NOMAD POWER 500

550 A

0,4 m - 8,3 mm² → AWG8

027145

Q: 069633



ACCESSORIES
included for NOMAD POWER 500



NOMAD POWER PRO 700

600 A

0,26 m - 8,3 mm² → AWG8

027510

Q: 028838



ACCESSORIES
included for NOMAD POWER PRO 700



SMART CABLE
MULTI SECURITIES

	LITHIUM			I			J (3s)							POWER BANK		
	CAPACITY/CELL	TYPE	FULL CHARGE	Start (6V)	Cranking CC	Peak Battery										OBD
NP VAC 350	2.5 Ah - 37 Wh	NMC	5 h	400 A	800 A	1000 A	9000 J	12 V	5 V - 2 A	•	5 V/2 A	5 V/2 A (Type C)	5 V/2 A	•	2	—
NP 300	2.5 Ah - 37 Wh	NMC	5 h	350 A	700 A	900 A	8000 J	12 V	12 V 5 V - 2.1 A	•	5 V/2 A	—	5 V/9V/12V - 5 V/2 A	•	2	—
NP 400	3 Ah - 45 Wh	NMC	5 h	500 A	1000 A	1200 A	11000 J	12 V	12 V 5 V - 2.1 A	•	5 V/2 A	—	5 V/9V/12V - 5 V/2 A - 15V/5A	•	2	—
NP 500	5.25 Ah - 77.7 Wh	NMC	6 h	550 A	1300 A	1500 A	12000 J	12 V	12 V 5 V - 2 A	•	5 V/2 A 9 V/2 A	—	5 V/1A - 5 V/2.1 A	•	2	—
NP PRO 700	6 Ah - 92.5 Wh	NMC	9 h	600 A	1500 A	2000 A	14000 J	12 V	—	•	9 V/2 A 12 V/1.5 A	5 V/2 A (Type C)	5 V/2.4 A - 9 V/2 A 12 V/1.5 A - 15 V/10 A	•	2	—
NP PRO TRUCK	5.3 Ah - 137 Wh	NMC	10 h	600 A	1500 A	2000 A	12 V : 14000 J 24 V : 35000 J	12 V/24 V	—	• Integrated	9 V/2 A 12 V/1.5 A	5 V/2 A (Type C)	5 V/1 A - 5 V/2.1 A - 12 V/10 A	•	2	•
NP PRO 12XL	8 Ah - 118.4 Wh	NMC	5 h	1000 A	1800 A	3000 A	22000 J	12 V	12 V/15 A 4 A	—	18 V/2 A	—	5 V/2.1 A - 12 V/3.5 A 12 V/10 A - 19 V/3.5 A	•	2	•
NP PRO 24XL	8 Ah - 236.8 Wh	NMC	10 h	1400 A	2400 A	3000 A	60000 J	24 V	12 V/15 A 4 A	—	18 V/2 A	—	5 V/2.1 A - 12 V/3.5 A 12 V/10 A - 19 V/3.5 A	•	2	•

MADE
IN CHINA

▶ START ENGINE

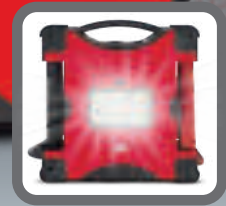
+ POWER BANK



+ LIGHT

PRO XL
★★★★

PRO
★★★



12 V

NOMAD POWER PRO 12 XL

1000 A

0,8 m - 21 mm² ➤ AWG4

025912

069640



12 / 24 V

NOMAD POWER PRO TRUCK

600 A

0,55 m - 13,3 mm² ➤ AWG6

027527

028845



ACCESSORIES
included for NOMAD POWER 500



24 V

NOMAD POWER PRO 24 XL

1400 A

0,8 m - 21 mm² ➤ AWG4

025905

069657



ACCESSORIES
included for

NOMAD POWER PRO 12 XL
NOMAD POWER PRO 24 XL



	↕ cm	⚖ kg
	27.2 × 06.5	0.48
	14.6 × 7.8 × 3.1	0.365
	17.5 × 8.4 × 3.1	0.498
	22.5 × 9.1 × 3.4	0.610
	22.8 × 10 × 3.8	0.82
	24.8 × 24.8 × 9.6	2.4
	27.4 × 27.8 × 11	5.6
	27.4 × 27.8 × 11	5.6

NP VAC 350	5 > 70 Ah										
NP 300	5 > 70 Ah										
NP 400	5 > 90 Ah										
NP 500	5 > 120 Ah										
NP 700	5 > 140 Ah										
NP PRO TRUCK	5 > 140 Ah										
NP PRO 12XL	5 > 180 Ah										
NP PRO 24XL											5 > 240 Ah

Max capability (minimum charge needed)

OPTION

MEMORY AUTO
SAVE CABLE OBD
1,5 m

for NP
12XL & 24XL

027534





STARTRONIC / GYSCAP

BOOSTERS

SUPER CAPACITORS **INSIDE**

SANS BATTERIE - BATTERYLESS
- OHNE BATTERIE

NEW TECHNOLOGY - FULL ELECTRONIC CONTROL



- ✓ NO BATTERY INSIDE
- ✓ NO MAINTENANCE
- ✓ ALWAYS READY
- ✓ BOOSTER SANS BATTERIE INTERNE
- ✓ AUCUNE MAINTENANCE
- ✓ TOUJOURS PRÊT
- ✓ KEINE INTERNE BATTERIE
- ✓ KEINE WARTUNG
- ✓ IMMER BEREIT

EASY TO USE

2 minutes!



START

-40/+65°C

STARTRONIC 800

800 A

12 V

60 > 5 V

026735



5x
800
F

INSIDE

INCLUDED

CIGARETTE LIGHTER
for Easy charge

STARTRONIC 800
& HYBRID 950
027404

12 V

STARTRONIC HYBRID 950

SUPERCAPACITORS + LITHIUM

950 A

12 V

60 > 1 V

026117



INCLUDED
STARTRONIC HYBRID 950

Lithium battery



027411

PROFESSIONAL • IMMEDIATE

HYBRID
TECHNOLOGY
UNIVERSAL STARTER

✓ SMART
✓ SECURITY
✓ POWER

5x
950
F

+

Lithium

INSIDE



Digital control



MADE
IN CHINA

MADE
IN FRANCE

							⏻ INPUT CHARGE ⏱ Charging time								
	I				Number of Capacitors	Integrated Inverter	 12 V		 12 V / 10 A		 5 V / 2 A		internal lithium battery		
	1V/C	START ICC	Peak				 OFF	 ON	 OFF	 ON	MICRO USB Type B				
STARTRONIC 800	800 A	1 400 A	—	12V	5 × 800 F	●	4 min	60 s	4 min	4 min	5 V/2 A	40 min	—	26,7 × 19,5 × 5	1,86
STARTRONIC HYBRID 950	950 A	1 660 A	—	12V	5 × 950 F	●	4 min	60 s	4 min	4 min	5 V/2 A	40 min	30 min	25 × 18,5 × 6	1,86
GYSCAP 680E 	1 600 A	2 700 A	9 000 A	12V	5 × 3000 F	●	15 min	2 min	15 min	15 min	—	—	—	35 × 44 × 19	8,2
GYSCAP 24V 	2 500 A	4 500 A	10 000 A	24V	10 × 3000 F	●	15 min	2 min	30 min	30 min	—	—	—	32 × 49 × 21.5	12



TBP / BT

TESTERS



YouTube

PLAYLIST
BATTERY TESTERS

TRADITIONAL

TBP 100

6/12 V 20 > 100 Ah

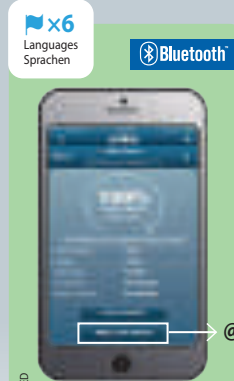
055131



TBP 500

12 V 10 > 160 Ah

055148

x4
Languages
SprachenAvailable on the
App Store Google Playx7
Languages
SprachenAvailable on the
App Store Google PlayNEW
05 2023x6
Languages
Sprachen

NOT INCLUDED

HIGH TECH BT MOBILITY
TRACK DATA
by E-devices
***

ELECTRONIC & CONNECTED

Wireless battery monitor

Indicateur de charge sans fil

12/24 V 7 > 240 Ah

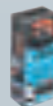
024212



BTW 6V/12V

6/12 V 7 > 240 Ah

077355

ALTERNATOR 12/24 V
START STOP

BTW 300 DHC

6/12 V 7 > 240 Ah

056664

ALTERNATOR 12/24 V
START STOP

				TEST			PRINT PAPER	DIGITAL	RESULT	BATTERY CHARGE	TEMPERATURE COMPENSATION	BATTERY LEVEL	cm	kg
				BATTERY A	BATTERY V	CHARGE & START SYSTEM VEHICLE								
MADE IN CHINA	TBP 100	6-12V	20 > 100 Ah	•	•	12V	—	—	5/10s	15 min	—	—	16x1.8x30	1.5
	TBP 500	12V	10 > 160 Ah	•	•	12V	—	—	15s	15 min	—	—	27x26x13	3.75
MADE IN TAIWAN	BTW 300 DHC	6-12V	7 > 240 Ah	•	min 1.5V	12/24V	—	—	1s	instant	•	—	10x3x7	0.33
MADE IN CHINA	BTW 6V/12V	6-12V	7 > 240 Ah	—	min 4,5 V	12/24 V	—	—	1s	instant	•	—	11x3x2	0.11
	BATTERY MONITOR	12-24V	7 > 240 Ah	—	min 7 V	12/24 V	—	—	1s	instant	•	—	6.5x5x1.5	0.1
	BT 001	12V	7 > 230 Ah	—	•	12V	—	LED	1s	instant	—	—	3x12x1.5	0.29
MADE IN TAIWAN	NBT 100	12V	20 > 150 Ah	•	min 7 V	—	—	•	1s	instant	—	—	7x1.5x12	0.25
	NBT 200	12V	20 > 150 Ah	•	min 7 V	12V	—	•	1s	instant	—	—	7x1.5x12	0.25
	DBT 300	12V	4 > 150 Ah	•	min 4,5 V	12V	—	rétro-éclairé /back-lit	1s	instant	—	—	12x7.9x22.7	0.25
	DBT 350	12V	7 > 240 Ah	•	min 8 V	12 / 24 V	—	rétro-éclairé /back-lit	1s	instant	•	—	9.6x3x13.8	0.8
	DBT 400	6-12V	7 > 240 Ah	•	min 1,5V	12 / 24 V	—	rétro-éclairé /back-lit	1s	instant	•	6 x 1,5V CR6-AA	11.5x5x19	0.8



LED

BT 001

12 V

7 > 230 Ah

056640



0.5 m

NBT 100

12 V

20 > 150 Ah

024151



0.5 m

NBT 200

12 V

20 > 150 Ah

024168

ALTERNATOR 12 V



x9
Languages
Sprachen

x1
Languages
Sprachen



0.5 m

x10
Languages
Sprachen



0.5 m



1.8 m
*detachable

DIGITAL

DBT 300

12 V

4 > 150 Ah

ALTERNATOR 12 V

024175



DBT 350

12 V

7 > 240 Ah

START STOP ALTERNATOR 12/24 V

025868



DBT 400

6/12 V

7 > 240 Ah

START STOP ALTERNATOR 12/24 V

024182



	TEST													CURRENT CCA SAE
 Recommendation	Batteries/Battery/ Ladegeräte	Circuit alterateur/ Alternator Circuit/ Lichtmaschinen Schaltkreis		LIQUID	START /STOP ENGINE	EFB	AGM VRLA/GEL							
TBP 100	 	 12V	•	—	—	—	—		20 > 100 Ah				—	
TBP 500		 12V	•	—	—	—	—			10 > 160 Ah				0 > 1000 A
BTW 300 DHC	 	 12V 24V	•	•	•	•	•	7 > 240 Ah				40 > 2000 A		
BTW 6V/12V	 	 12V	•	•	•	•	•	7 > 240 Ah					10 > 2000 A	
BATTERY MONITOR	 	 12V 24V	•	•	•	•	•	7 > 240 Ah		7 > 240 Ah			—	
BT 001		 12V	•	•	•	•	•	7 > 230 Ah		7 > 230 Ah				—
NBT 100		—	•	—	—	—	—			20 > 150 Ah				200 > 1200 A
NBT 200		 12V	•	—	—	—	—			20 > 150 Ah				200 > 1200 A
DBT 300		 12V	•	—	•	•	•	4 > 150 Ah		4 > 150 Ah				40 > 1200 A
DBT 350		 12V 24V	•	•	•	•	•	7 > 240 Ah		7 > 240 Ah				40 > 2000 A
DBT 400	 	 12V 24V	•	•	•	•	•	7 > 240 Ah						40 > 2000 A



PBT

TESTERS

+ PRINTER



YouTube

PLAYLIST
BATTERY TESTERS

×10
Languages
Sprachen

×5
Languages
Sprachen

×6
Languages
Sprachen

Homologations
Approvals
Zulassungen



0.65 m

1.2 m

PRINTER • 12 V

PBT 550

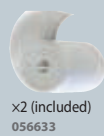
12 V

30 > 220 Ah

START
STOP

ALTERNATOR 12 V

024199



×2 (included)
056633

PBT 600

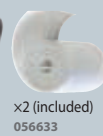
12 V

30 > 220 Ah

START
STOP

ALTERNATOR 12/24 V

024205



×2 (included)
056633

PBT 700

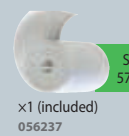
12 V

7 > 240 Ah

START
STOP

ALTERNATOR 12/24 V

024229



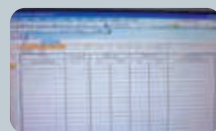
Standard
57 mm (W)

×1 (included)
056237

Languages - Sprachen

	GB	FR	DE	IT	ES	PT	CZ	NI	PL	RU	TR
DBT 300											
DBT 350											
DBT 400											
PBT 550											
PBT 600											
PBT 700											
BT 2010											
PBT 812											
PBT 824											
BTW 300DHC											

				TEST			 PRINT PAPER	DIGITAL	 RESULT	  	 TEMPERATURE COMPENSATION		 cm	 kg
				 A	 V	CHARGE & START SYSTEM VEHICLE 								
MADE IN CHINA	PBT 550	12 V	30 > 220 Ah	•	min 6 V	12 V	•	rétro-éclairé /back-lit	1s	instant	•	—	55×25	0.55
	PBT 600	12 V	30 > 220 Ah	•	min 8 V	12 / 24 V	•	rétro-éclairé /back-lit	1s	instant	•	—	55×25	1.1
	PBT 700	12 V	7 > 240 Ah	•	min 8 V	12/24 V	•	rétro-éclairé /back-lit	1s	instant	•	—	23,5×10,2×6.8	0.7
MADE IN TAIWAN	BT 2010 DHC	6-12 V	7 > 240 Ah	•	min 1.5V	12/24 V	•	rétro-éclairé /back-lit	1s	instant	•	6 x 1.5 V LR6-AA	13×6.4 ×25.1	0.7
	PBT 812	6-12 V	7 > 240 Ah	•	min 1.5V	12/24 V	•	color TFT display 2.8"	1s	instant	•	6 x 1.5 V LR6-AA or 18650 lithium battery (not included)	28x14x7.5	0.7
	PBT 824	6-12 -24 (2x12) V	7 > 240 Ah	•	min 1.5V	12/24 V	•	rétro-éclairé /back-lit 4 colors	1s	instant	•	6 x 1.5 V LR6-AA	25×4.5 ×13	0.7



COMPATIBILITY

USB Barcode scanner 1D/2D
for BT2010, PBT 812, PBT 824
027718

p.27



61

PBT

TESTERS

×9
Languages
Sprachen

×10
Languages
Sprachen

NEW
01 2023

×10
Languages
Sprachen



1.8 m



1.8 m



1.8 m

LCD COLOR

PRINTER • 6/12 V

BT2010 START-STOP DHC

6/12 V 7 > 240 Ah

START STOP ALTERNATOR 12/24 V

055339



PBT 812

6/12 V 7 > 240 Ah

START STOP ALTERNATOR 12/24 V

076686



PRINTER • 6/12/24 V (2x12)

PBT 824

6/12/24(2X12)V 7 > 240 Ah

START STOP ALTERNATOR 12/24 V

025738



Included for
BT2010 / PBT 812 / PBT 824

M/F plug

Clamps
056510

x1
056237

Standard
57 mm (W)

056220	x2	37 mm	7.5 m	25 mm	BT 301 / BT 501 / BT 551
056237	x1	57 mm	28 m	50 mm	RT 777 / PBT 700 / PBT 812 / PBT 824 / BT 2010
056633	x2	57 mm	7.5 m	25 mm	PBT 550 / PBT 600 / PBT 700 / PBT 812 / PBT 824 / BT 2010 / SPM

Recommendation	TEST			PRINT PAPER										CURRENT CCA SAE
	Batteries/Battery/ Ladegeräte	Circuit alterateur/ Alternator Circuit/ Lichtmaschinenchaltkreis			LIQUID	START /STOP ENGINE	EFB	AGM VRLA/GEL						
PBT 550	12V		12V	•	•	•	•	•				30 > 220 Ah		100 > 2000 A
PBT 600	12V		12V 24V	•	•	•	•	•				30 > 220 Ah		100 > 2000 A
PBT 700	12V		12V 24V	•	•	•	•	•	7 > 240 Ah			7 > 240 Ah		40 > 2000 A
BT 2010 DHC	6V 12V		12V 24V	•	•	•	•	•				7 > 240 Ah		40 > 3000 A
PBT 812	6V 12V		12V 24V	•	•	•	•	•				7 > 240 Ah		25 > 3000 A
PBT 824	6V 12V 24V (2X12)		12V 24V	•	•	•	•	•				7 > 240 Ah		40 > 2000 A



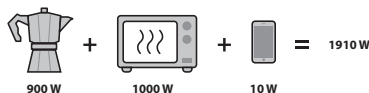
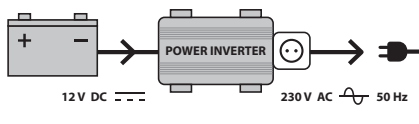
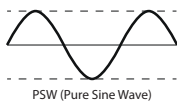
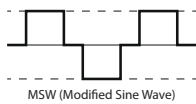
CONVERGYS / PSW / MSW

POWER INVERTER

12/24 V DC → 230 V AC

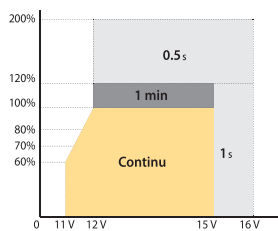
Available for
UK socket

MSW / PSW TECHNOLOGY

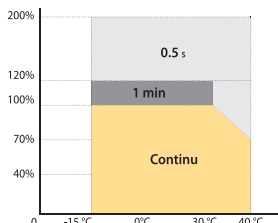


- Tension faible / Surtension / Surcharge / Surchauffe / Court-circuit
- Low volt / Over volt / Over load / Overheating / Output short-circuit
- Unterspannung / Überspannung / Überlastung / Überhitzung / Kurzschluss am Ausgang

Puissance en fonction de la tension de sortie
Power based on output voltage
Leistung in Abhängigkeit von der Ausgangsspannung



Puissance en fonction de la température
Power based on temperature
Leistung in Abhängigkeit von der Temperatur



PSW REMOTE CONTROL

For 601W-12



6 m

For 1002W RC-12, 1502W RC-12, 2002W RC-12, 2002W RC-24

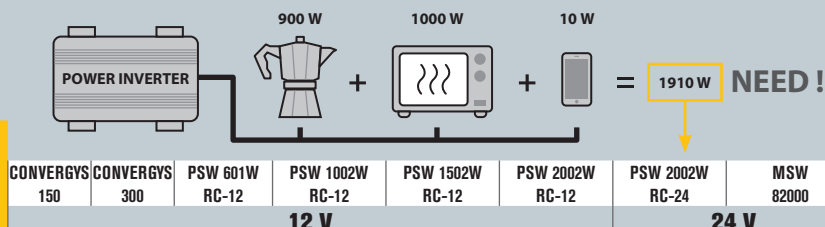
Input = 888 V
Output = 888 W

6 m

SELECT THE RIGHT POWER INVERTER

• CHOISISSEZ VOTRE CONVERTISSEUR

• WÄHLEN SIE IHREN WECHSELRICHTER



70 Ah

200 Ah

ÉLECTROMÉNAGER - HOME APPLIANCE

	CONVERGYS 150	CONVERGYS 300	PSW 601W RC-12	PSW 1002W RC-12	PSW 1502W RC-12	PSW 2002W RC-12	PSW 2002W RC-24	MSW 82000
Micro-Ondes - Microwave - Mikrowelle								700 - 1000 W
Grille Pain - Toaster								800 - 1500 W
Réfrigérateur - Fridge - Kühlschrank (40 L)								45 W
Bouilloire - Kettle - Wasserkocher								700 - 2500 W
Cafetière espresso - Espresso coffee maker - Espresso-Maschine								1000 - 1600 W
Cafetière filtre - Drip coffee maker - Filterkaffee-Maschine								800 - 1200 W



ÉLECTRONIQUE - ELECTRONIC

	CONVERGYS 150	CONVERGYS 300	PSW 601W RC-12	PSW 1002W RC-12	PSW 1502W RC-12	PSW 2002W RC-12	PSW 2002W RC-24	MSW 82000
Téléphone - Mobile phone - Telefon								5 - 10 W
Ordinateur portable - Laptop								60 - 95 W
Radio								10 - 40 W
TV 15"								40 W
TV 21"								50 W
Console de jeux vidéo - Video game console - Konsole für Videospiele								39 - 100 W
Appareil photo - Camera - Fotoapparat								4 - 19 W



CONFORT - COMFORT

	CONVERGYS 150	CONVERGYS 300	PSW 601W RC-12	PSW 1002W RC-12	PSW 1502W RC-12	PSW 2002W RC-12	PSW 2002W RC-24	MSW 82000
Eclairage - Light - Beleuchtung								100 W
Chauffage électrique - Electrical heater - Elektrische Heizung								1800 - 2500 W
Ventilateur - Fan - Lüfter								50 W
Sèche cheveux - Hairdryer - Fön								1000 - 2000 W



NAUTISME - SAILING

	CONVERGYS 150	CONVERGYS 300	PSW 601W RC-12	PSW 1002W RC-12	PSW 1502W RC-12	PSW 2002W RC-12	PSW 2002W RC-24	MSW 82000
Feux de navigation - Navigation lights - Navigationslichter								24 W
Radar								24 W
Pilote automatique - Autopilot mode								60 W
GPS - GPS/Sat nav.								6 W

* Usage duration (h) = $\frac{80\% \times \text{Capacity (Ah)} \times \text{Optimum Efficiency (\%)} \times \text{Input DC (V)}}{\text{Power (W)}}$

MADE IN CHINA

MADE IN CHINA	Power	Peak power	Pure Sin Wave	Optimum Efficiency	Input DC	Output AC	Output USB (2.1) DC	 max 150 W		 1.5 mm ²	 •	 —	 —	 cm	 cm	 kg
CONVERGYS 150	150 W	300 W	—	90,5 %	12 V	230 V	5 V · 2 A	•	—	1.5 mm ²	•	—	—	N/A	6 × 10 × 5	0,5 kg
CONVERGYS 300	300 W	600 W	—	85 %	12 V	230 V	5 V · 2 A	•	•	2.5 mm ²	•	—	—	N/A	10 × 15 × 6	0,95 kg
PSW 601W RC-12	600 W	1200 W	•	90 %	12 V	230 V	5 V · 2 A	—	cables	6 mm ²	•	•	5 m	26.5 × 17 × 7.5	30.5 × 21.5 × 11.5	2,2 kg
PSW 1002W RC-12	1000 W	2000 W	•	90 %	12 V	230 V	5 V · 2 A	—	cables	10 mm ²	•	•	5 m	37.5 × 21 × 10	43.5 × 27 × 15	4,7 kg
PSW 1502W RC-12	1500 W	3000 W	•	90 %	12 V	230 V	5 V · 2 A	—	cables	16 mm ²	•	•	5 m	37.5 × 21 × 10	43.5 × 27 × 15	5 kg
PSW 2002W RC-12	2000 W	4000 W	•	90 %	12 V	230 V	5 V · 2 A	—	cables	22 mm ²	•	•	5 m	38.5 × 25 × 10	45 × 34 × 17	6,25 kg
MSW 82000	2000 W	4000 W	—	80 %	24 V	230 V	5 V · 2 A	—	cables	12 mm ²	•	•	—	35 × 20 × 28	45 × 27 × 14.5	5,8 kg
PSW 2002W RC-24	2000 W	4000 W	•	90 %	24 V	230 V	5 V · 2 A	—	cables	12 mm ²	•	•	5 m	38.5 × 25 × 10	45 × 34 × 17	6,25 kg

12 V **CONVERGYS**

CONVERGYS 150

027022

 : 027039



CONVERGYS 300

027053

 : 027046



12 V **PURE SINE WAVE**

PSW

601W RC-12



067332

 : 067349



PSW

1002W RC-12



067356

 : 067363



PSW

1502W RC-12



067370

 : 067387



PSW

2002W RC-12



067394

 : 067400



24 V **MODIFIED SINE WAVE**

MSW 82000

027237

 : 027244



24 V **PURE SINE WAVE**

PSW

2002W RC-24



067417

 : 067424



**INCLUDED
FOR ALL**



48 cm



48 cm



1 m



POWER PACK

POWER PACK

12 V › 230 V

Using Time



50 W	8 h
100 W	4 h
250 W	1 h 40
500 W	50 min

MPPT integrated

Solar panel
compatibility

PORTABLE POWER STATION



4in1

1

230 V - 50 Hz / 500 W

UNIVERSAL OUTPUT



Type C / E / F / G / I

2

12 V / 12 A

x1

Cigarette
lighter

x2

DC

3

USB

x1

Type C
5V/3A; 9V/3A; 12V/3A
15V/3A; 20V/2.25A

x1

QuickCharge
3.0 5V/3A; 9V/2A;
12V/1.5A
Dual x2
5V/3.1A
(Single: 2.4A Max)

4

LIGHT

3 MODES

- Light
- S.O.S
- Spot

POWER PACK 520

518 Wh

20 Ah

027961

POWER PACK 520
charging cables

	LITHIUM		TYPE	I		Nb cycles		POWER OUT			POWER SUPPLY				
	CAPACITY/CELL	FULL CHARGE		Start	Peak										
POWER PACK 520	518 Wh	8 h	NMC	—	—	1000	Pure Sine Wave	500 W	12-30V 80W max	5V/3 A; 9V/2 A; 12V/1.5 A 12V/12 A; 5V/3.1 A 230 V/50 Hz/500 W (AC) × 2	•	3 + 1 (MICRO USB - Type C)	1 × LED	264 × 234 × 163	5.14
POWER PACK 1300	1280 Wh	7 h - 11 h selon le mode de recharge	LFP	500 A	1000 A	2000	Pure Sine Wave	1000 W	12-30V 200W max	5V - 9V - 12V - 16V/3 A 20 V/3 A; 20V/5 A; 12V/10 A 230 V/50 Hz × 3	•	4 + 2 (MICRO USB - Type C)	1 × LED	360 × 270 × 280	17.5

Using Time 	50 W	20 h
	100 W	10 h
	250 W	4 h
	500 W	2 h
	1000 W	1 h

**FULL
PROTECTION**

Short-circuit protection,
Over-current protection,
Over-voltage protection,
Under-voltage protection
Over-load protection,
Temperature protection

MPPT integrated



Solar panel compatibility



5in1

1 230 V - 50 Hz / 1000 W



Type C / E / F

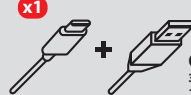
2 12 V / 10 A



**Cigarette
lighter**

DC

3 USB



Type C
5V/3A ; 9V/3A ; 12V/3A
15V/3A ; 20V/2.25A

QuickCharge
3.0 5V/3A; 9V/2A;
12V/1.5A

Dual **x2**
5V/3.1A
(Single : 2.4A Max)

4 LIGHT

5 MODES

- Light
(Low - Medium - High)
- S.O.S.
- Spot

POWER PACK 1300

1280 Wh

50 Ah

071988

ACCESSORIES
included for
POWER PACK
1300



5 BOOSTER

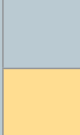


12 V PETROL & DIESEL

[illegible]

JUMPER CABLES

320 A > 1000 A

	CCA	≈ Cu	Cu
Ø			
%I			

															CCA	≈ Cu	Cu
056206																	
564015																	
056404																	
056190																	
056602																	
056312																	
056329																	
056336																	
027695																	
056343																	
056558																	
056541																	
056619																	

PRO BRASS CLAMPS

PINCES LAITON, NON ISOLÉES - Brass clamps, NOT INSULATED • Messingklemmen, nicht isoliert • Pinzas de latón, no aisladas • Koperen klemmen, niet geïsoleerd • Garras bronce, latão isoladas • Ακροδέκτες χαλκού χωρίς μόνωση • ЛАТУННЫЕ ЗАЖИМЫ, НЕИЗОЛИРОВАННЫЕ • 黄铜夹, 无绝缘



MADE IN CHINA



			 x 8	
056206	320 A	3 m	—	16 mm ² (CCA)
564015	500 A	3 m	—	25 mm ² (CCA)
056404	700 A	4,5 m	—	35 mm ² (CCA)
056602	1000 A	5,1 m	—	50 mm ² (100% Cu)
056190	1000 A	4,5 m	INCLUDED	50 mm ² (100% Cu)

PRO INSULATED CLAMPS

PINCES ISOLÉES - INSULATED CLAMPS • ISOLIERTE KLEMMEN • Pinzas aisladas • Garras isoladas • Geïsoleerde klemmen • Μονωμένοι ακροδέκτες • Изолированные зажимы • 绝缘充电夹



MADE IN CHINA

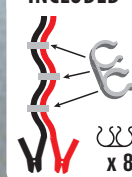


		ESSENCE BENZINE PETROL	DIESEL		 x 8	 ≈ Ø Cu	DIN 72553 
056312	200 A 	1,5l		3 m	—	10 mm ²	—
056329	320 A 	2,5l		3 m	—	16 mm ²	•
056336	500 A 	5,5l	3l	3,5 m	—	25 mm ²	•
056343	700 A 	7l	4l	4,5 m	—	35 mm ²	•
056558	1000 A 	7l	4l	4,5 m	INCLUDED	50 mm ² (100% Cu)	—

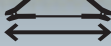
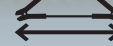
SUPER PRO INSULATED CLAMPS



INCLUDED



MADE IN FRANCE

			 Ø 100% Cu				 Ø 100% Cu
056541	700 A	4,5 m	35 mm ²				
056619	1000 A	5 m	50 mm ²				

CÂBLES DE DÉMARRAGE - BOOSTER CABLES - Starterkabel
- CABLES DE ARRANQUE - CAVI DI AVVIAMENTO



DIN 72553		ESSENCE BENZINE PETROL	DIESEL		
027695	350 A	5,5l	3l	3,5 m	25 mm ²

EV CHARGING

10 A → 32 A

Rechargement EV • Laden für Elektrofahrzeuge
• Carga de EV • EV carregando • EV opladen • Φόρτιση EV
• Зарядка электромобиля • 电动汽车充电



NEW
03 2023

SUPER PRO SMART EV CHARGE

10 → 32 A 1 ph / 3 ph

075320



INCLUDED



+ more output options...



10 A / 13 A / 16 A / 20 A / 32 A

available on request

IP 55

4,5 kg

23 x 16 x 9 cm

Power	10 A	13 A	16 A	20 A	32 A
230V	2.3 kW	2.9 kW	3.7 kW	4.6 kW	7.4 kW
400V	6.9 kW	8.9 kW	11 kW	14 kW	22 kW



PORTABLE EV CHARGER

10/16 A 1 ph

028975



EV CHARGING CABLES

32 A 1 ph

028982

32 A 3 ph

028999

	IP	U ₁	I ₁	P				
SUPER PRO SMART EV CHARGE	55	1 ph 3 ph + N	10/13/16/ 20/32 A	2,3 → 22kW	•	•		Type 2
PORTABLE EV CHARGER	66	1 ph	10 / 16 A	3,7 kW	•	—		Type 2
EV CHARGING CABLE	66	1 ph	32 A	7,4 kW	—	•	5 m	Type 2
	66	3 ph	32 A	22 kW	—	•		

OPTION

↓ 21 × 43 ×
57 cm
060432



ACCESSOIRES



Pince
ampèremétrique
- Clamp-on ammeter
- Strommesszange

400 A
053991
600 A
053984

CABLES EN 60245-6/H01N2-D (Caoutchouc - Rubber)

EN 60974-9



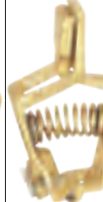
↔ L		A (60%)	A (35%)
100 m	046252	121	131
↖ x m	046207		
5 m	045408		
100 m	046603	165	185
↖ x m	046306		
100 m	046702		
↖ x m	046405	211	243
100 m	046801	275	323
↖ x m	046757		
100 m	046832	351	419
↖ x m	046863	433	527

HIGH FLEXIBILITY ELECTRICAL CABLES



↔ L		A (60%)	A (35%)
100 m	054882	88	92
20 m	056107		
100 m	054905	120	130
20 m	056121		
100 m	054929	164	184
20 m	056145		
100 m	054943	210	240
100 m	054967	273	320
50 m	056565	310	380

PINCES - Clamps - Klemmen - Pinzas - Garras - Ακροδέκτες - Зажимы - 充电夹

	40 A	60 A	60 A	200 A	300 A	600 A	650 A	700 A	850 A	1000 A	300 A	600 A
I 100%	30 A	60 A	60 A	100 A	200 A	120 A	120 A	120 A	170 A	200 A	-	-
I peak	75 A	150 A	150 A	200 A	300 A	600 A	650 A	700 A	850 A	1000 A	-	-
max	× 30 mm	× 25 mm	× 25 mm	× 38 mm	× 45 mm	× 40 mm	× 35 mm	× 28 mm	× 44 mm	× 55 mm	× 38 mm	× 38 mm
max	2.5 mm ²	10 mm ²	10 mm ²	16 mm ²	25 mm ²	35 mm ²	25 mm ²	25 mm ²	35 mm ²	70 mm ²	50 mm ²	95 mm ²
												
												
	053106	055537 055520 071896 071889	NEW 071872	053502 053403 053700 053601 053779 053786	055551 055544	025783 025776	053816 053793 025769 025752	038059	038066			

COSSES BATTERIE - Battery Terminal - Polklemmen - Terminales batería - Accupool - Terminais de bateria - Πόλος μπαταρίας - Контакты аккумуляторной - батареи - 电池端子

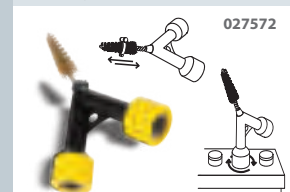
⊙ ø 10 mm / 35 mm²	⊙ ø 13 mm / 50 mm²	⊙ ø 16 mm / 70 mm²
054400	054417	054370
054431 054448	054332 054349	054356 054363

COSSES - Cable lugs - Terminal Kabelschuhe - Kabelschoen

16 mm²	25 mm²	35 mm²	50 mm²	75 mm²	125 mm²	25 mm²	35 mm²	50 mm²
M10 ×10 038219	M10 ×10 038226	M14 ×10 038233	M14 ×10 038240	M16 ×10 038257	M15 ×5 038264	M5 ×100 047525	M6 ×100 047532	M10 ×100 047549

NETTOYEUR COSSES / BORNES

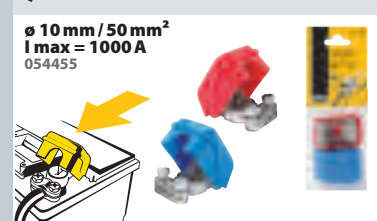
- Cleaning brush poles / terminals

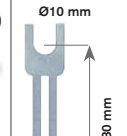
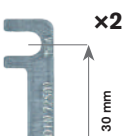
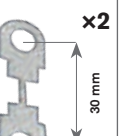
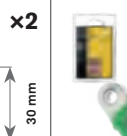


CONNECTEURS TEXAS - Dinze connectors - Stecker - Conectores - Schakelears - Conectores

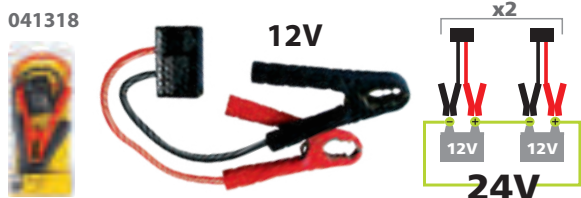
	I A max	mm²	mm	mm	Compatibility	Ref.
CFM 25.14	200	10/25	14	9	CM 25.14, CF 25.14	045507
CFM 50.21	300	35/50	21	13	CM 50.21, CF 50.21	045606
CFM 70.21	400	50/70	21	13	CM 70.21	047488
CM 25.14	200	10/25	14	9	CF 25.14	045668
CM 50.21	300	35/50	21	13	CF 50.21	045613
CM 70.21	400	50/70	21	13	CF 70.21	045750
CM 95.24	500	70/95	24	13	CF 95.24	047495
CF 25.14	200	10/25	14	9	CM 25.14	045651
CF 50.21	300	35/50	21	13	CM 50.21	045620
CF 70.24	400	50/70	24	13	CM 70.21	045736
CF 95.24	500	70/95	24	13	CM 95.24	072374

QUICK CONNECTORS



 x5 Ø5 20 mm 6.3 A 054578 10 A 056527	 x10 10 A 054530 15 A 054493 20 A 054509 25 A 054516 30 A 054523 40 A 054554	 Ø10 mm 80 mm 100 A 054486	 x2 30 mm 100 A 054394 M5	 x2 30 mm M6 150 A 027930	 x2 60 mm 200 A 054547 250 A 055568 300 A 054561 M10	 x2 30 mm M5 40 A 054646 50 A 054622 80 A 054653 125 A 054585 150 A 054639	 x2 30 mm M6 40 A 071599
--	--	---	---	---	--	--	--

PROTECTION ANTI-ARC - Anti-arc protection - Lichtbogenschutz - Protección anti-arco - Piekspanningsbeveiliging - Protecção anti-faísca - Αντι-σπινθηρική προστασία - Защита против дуги - 抗电弧保护



PORTE-BATTERIE AJUSTABLE - Adjustable batterie carrier - Einstellbarer Batteriehalter - Porta-baterias ajustable - Переноска для аккумулятора



PÈSE ACIDE ANTIGEL - Acidimeter (PH Meter) - Säure/Frostschutzmittel-Tester - Acido densímetro anticongelante - Zuurweger - Medidor de PH (ácido) - Μετρητής οξύτητας (PH) - Ацидиметр (рН-метр) - 防冻酸度计



KIT SOLAIRE DE MAINTIEN DE CHARGE AVEC ACCESSOIRES - Solar powered charger with accessories - Solarpanel zur Ladeerhaltung mit Zubehör - Kit solar de mantenimiento de carga - Солнечная панель для поддержания заряда в наборе с аксессуарами



STATION MULTICHARGE POUR BATTERIES - Multi charge station for batteries - Multi-Ladestation für Starterbatterien

Charge automatique • Automatic charge • Automatischer Ladevorgang

4 x 5A 12V (liquid/gel)
5 étapes • 5 steps • 5 Schritte
Pulse/Boost/Egalisation/100%/Floating
Maintenance/Zusatzhülenskit

DHC 54E
025097

10Ah 100 Ah

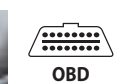


SAUVEGARDE MÉMOIRE OBD - Memory auto save - Sichertung des Speichers - Salvaguardia memorias - Salvaguardas de memória - Αυτόματη αποθήκευση ρυθμίσεων - Сохранение настроек - 记忆存储器

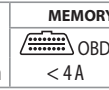


GYSPACK OBD
054998

055001



Après chaque utilisation
After each use
Nach jeder Anwendung



MADE IN P.R.C.

CABLE OBD - Câble OBD - Kabel für OBD

054202

Fuse 7,5A
1,5 m



LAMPE BALADEUSE

- Lamp Lamp
- Handleuchte

100-250 lumens (x3)

TRIPODE 250 L
3 x 1 W COB LED

3 x 3.6 V
300 mAh
AAA rechargeable,
Ni-MH, USB
charging (6h)

operating time
High position : 1 h
Low position : 3 h
Flashing : 5 h

↓ 260 x 100
x 100 mm

059955



400 lumens

400 L
COB LED

Li-ion
Charging time : 8h

operating time
High position : 2.5 h
Low position : 6 h
Top light (1 W) : 6 h

↓ 230 x 65 x 40 mm

059153



250-600 lumens

PRO 600 L
COB LED, 80 CRI

3.7 V - 2200 mAh Li-ion
micro USB charging (3.5 h)

operating time :
High position : 1.5 h,
Mid position : 4.5 h,
Top light (100 lumens) :
10 h

↓ 190
x 56
x 29 mm
IP 54
210g

060883



200-400 lumens

ÉTANCHE 400 L
COB LED

3.7 V - 2000 mAh Li-ion
USB charging (4/6 h)

operating time
High position : 2 h
Mid position : 4 h
Top light (4 W) : 3 h

↓ 285 x 65 x 65 mm
IP 56

059948



LAMPE INSPECTION

- Inspection Lamp
- Inspektionslampen

100-200 lumens

MINI 200 L
COB LED, 80 CRI, 6500 K

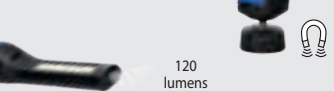
3.7 V - 700 mAh Li-ion
micro USB charging (2.5 h)

operating time
High position : 1.5 h
Low position : 4 h
Top light : 3.5 h

IP 20

76 g, ↓ 174 x 27.5 x 28 mm

060852



100-280 lumens

FRONTALE 280 L
3 W COB LED
80 CRI+, 6500 K

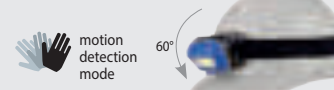
3.7 V - 1500 mAh Li-po
micro USB charging

operating time
High position : 2 h
Low position : 6 h

IP 65, 110 g

↓ 78.5 x 47.5 x 42 mm

060845



0 > 600 lumens

PRO 600 L
6500 K

3.7 V - 2600 mAh Li-ion

operating time
1.5 > 15 h

↓ 380 x 40 x 45 mm
300 g

057760

058309



LAMPE SOUS CAPOT

- Under bonnet lamp
- Leuchte für Motorhaube

300-600 lumens

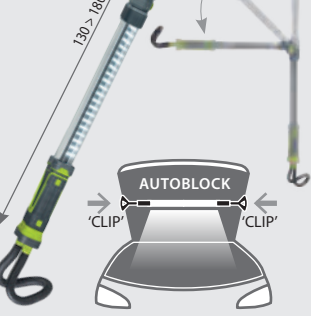
600 L
120 COB LED

3.7 V - 4000 mAh Li-ion
charging time : 10/12 h

operating time
High position : 1.5 h
Low position : 3 h

1.3 kg

059962



250-800 lumens

800 L
120 COB LED

3.7 V - 4000 mAh Li-ion
charging time : 10/12 h

operating time
High position : 3 h
Low position : 6 h

058002

058316



LAMPE AMBIANCE 360° - 360° ambient lamp

60 > 1000 lumens

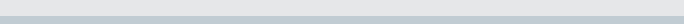
PORTABLE 1000 L
>80 CRI SMD LED
6500 K

3.7 V - 5200 mAh Li-ion
USB charging (4.5h)
USB power supply

operating time 2 > 27 h

↓ 260 x 75 x 75 mm
IP 54
450 g

059764



PROJECTEUR SUR TRÉPIED

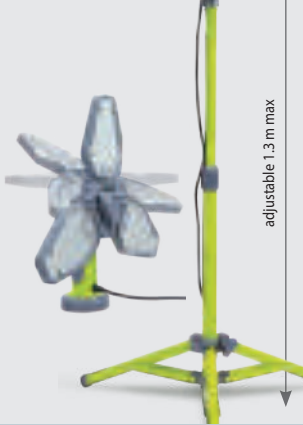
- Worklight with tripod
- Arbeitsleuchte mit Standfuß

1800 lumens

1800 L
3 x 55 COB LED
total 165 LED

1.8 m power cord

059146



3000 lumens

3000 L
35 W COB LED

2 m power cord

IP 44

059979



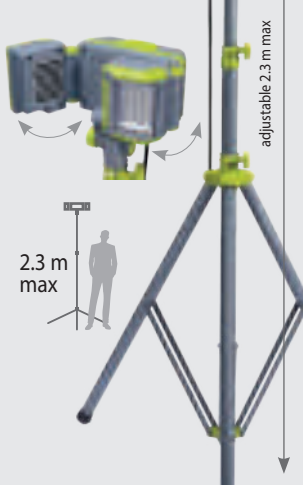
4000 lumens

Lampe sur TRÉPIED
4000 L

Worklight with tripod
3 x 20 COB LED,
total 60 LED

3 m
power cord

059986





French manufacturer
since 1964



Tools

Tel: +32 (0)10 39 51 50 • Fax: +32 (0)10 46 02 78
info@vbtools.be • www.vbtools.be

Voor technisch advies,
Pour toutes informations techniques,

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