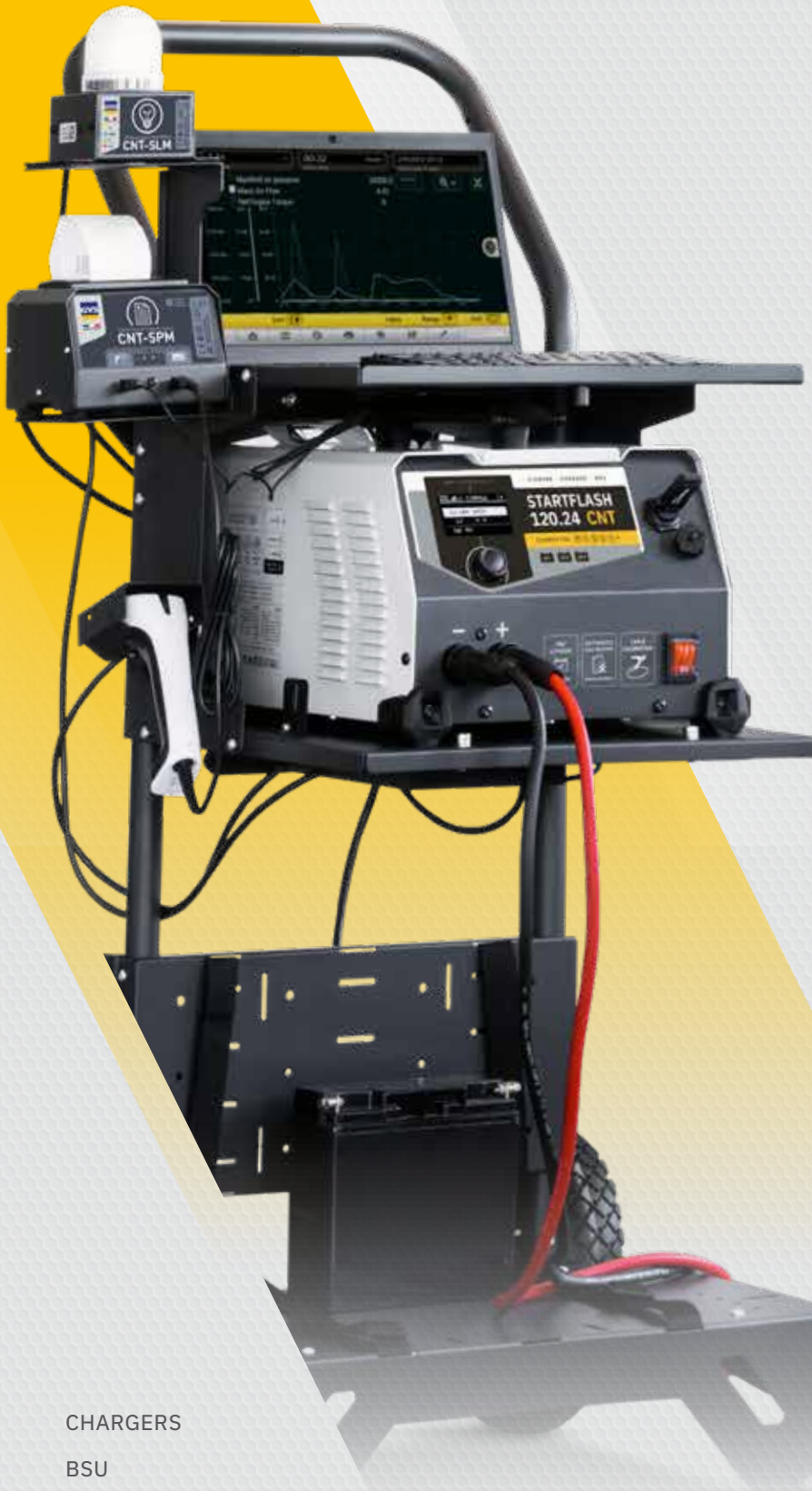




INVEST IN THE FUTURE



French manufacturer  
since 1964



# Chargers, Boosters & Starters

Charge & entretien des batteries

Batterieservicegeräte-Katalog

Caricabatterie, Booster & Avvitatore

Catálogo de Cargadores

2  
0  
2  
3  
B



CHARGERS

BSU

BOOSTERS

STARTERS

TESTERS

JUMPER CABLES

ACCESSORIES



## A solid manufacturing group

900 people € 125 000 000

C1+  
Credit Rating  
Banque de France

55 000 m<sup>2</sup>  
2 factories



INVEST IN THE FUTURE



French  
manufacturer  
since 1964

## A family company



Nicolas & Bruno  
Bouygues

## 3 catalogues

3 500+ references



Welding, Plasma cutting  
& Induction heating



Car Body Welding  
Systems



Chargers, Boosters  
& Starters

## A worldwide coverage

125 countries



GYS FRANCE  
Laval

GYS GERMANY  
Aachen

GYS U.K.  
Rugby

GYS CHINA  
Shanghai

GYS ITALIA  
Venezia

GYS IBERICA  
Madrid

## CHARGERS

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[www.gys.fr](http://www.gys.fr)



visit with







# CHARGERS

6 - 12 - 16 - 24 - 36 - 48 V

## GYSFLASH

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SSM

Save and load settings. Automatic restart in case of power cut.  
Mémorisation des réglages. Redémarrage automatique en cas de coupure électrique.  
Einstellungsspeicherung. Automatisches Starten nach einem Netzausfall.

START STOP

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

CAN BUS

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

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

Auto Recovery

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

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

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

Cold charge

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

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

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

Temperature

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

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

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

Power supply mode

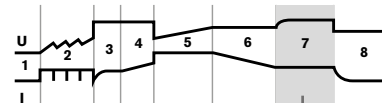
Power supply mode: Optimum floating charge, ideal for use during battery change to protect vehicle memory.  
Also for when the vehicle is not in use for extended periods or for demonstration use.

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.

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

SMART CHARGE 7 / 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%



REFRESH 8 STEP

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

CHARGERS  
SMART HF  
INVERTER Pb

BEST SELLER



12V

GYSFLASH 1.12

1 A

GO > 2V SSM START STOP CAN BUS

7 STEP

F FLASH Connector



1.45 m 0.45 m 0.45 m

029361

UK: 029514

GYSFLASH 4.12 & 4.12S

0.8/4 A

GO > 2V SSM START STOP CAN BUS

7 STEP

F FLASH Connector



1.45 m 0.45 m 0.45 m

4.12 029422

UK: 029521

4.12S (110 V) 069190

USA: 072701

BRA: 072817

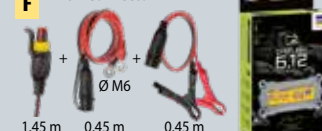
GYSFLASH 6.12

0.8/6 A

GO > 2V SSM START STOP CAN BUS

8 STEP

F FLASH Connector



1.45 m 0.45 m 0.45 m

029378

UK: 029613

GYSFLASH 8.12

8 A

GO > 2V SSM START STOP

8 STEP

SAE Connector



1.9 m

029385

UK: 029545

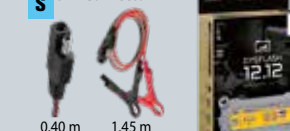
GYSFLASH 12.12

12 A

GO > 2V SSM START STOP

8 STEP

SAE Connector



0.40 m 1.45 m

029392

UK: 029552

DISPLAY BOX

GYSFLASH 4.12 x 5

026001



PATENTS REGISTERED NUMBERS  
002280008 & 002279927  
EUROPEAN TRADEMAR & DESIGN

	50 / 60 Hz	Power	I <sub>charge</sub>	V	Charge	Maintenance	Zz	Ondulation/Ripple	Charging curve	IP	Weight	Dimensions	L x W x H cm / kg
GYSFLASH 1.12	220-240 V AC	18 W	1 A	12 V	2 > 32 Ah	2 > 100 Ah	<0.4 Ah/month	<150 mV Rms	IUoU	7 steps	0.44 kg	13 x 8 x 3.8 cm	30 x 15.5 x 6 / 0.6
GYSFLASH 4.12	220-240 V AC	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	0.69 kg	17 x 9 x 5.1 cm	34.5 x 17.9 x 36.2 / 0.89
GYSFLASH 4.12S	100-127 V AC												
GYSFLASH 6.12	220-240 V AC	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	0.77 kg	19 x 10 x 5.2 cm	36 x 19.5 x 7 / 1
GYSFLASH 8.12	220-240 V AC	130 W	8 A	12 V	15 > 160 Ah	15 > 240 Ah	<0.4 Ah/month	<150 mV Rms	IUoU	8 steps	0.85 kg	19 x 10 x 5.2 cm	36 x 19.5 x 7 / 1
GYSFLASH 12.12	220-240 V AC	195 W	12 A	12 V	20 > 250 Ah	20 > 330 Ah	<0.4 Ah/month	<100 mV Rms	IUoU	8 steps	1.1 kg	22.1 x 11.1 x 5.8 cm	36.4 x 20 x 6.8 / 1.3

DESIGN GYS FRANCE

MADE IN GYS CHINA





# CHARGERS SMART HF INVERTER Pb



### GYSFLASH TECHNOLOGY

**SSM**  
Save and load settings. Automatic restart in case of power cut.  
Mémorisation des réglages. Redémarrage automatique en cas de coupure électrique.  
Einstellungsspeicherung. Automatisches Starten nach einem Netzausfall.

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

**CAN BUS**   
**Can Bus ready:** compatible with Can Bus Technology, the Gysflash can be connected to the motorcycle 12V socket (cable is optional).  
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:** Mit der Can-Bus Technologie kompatibel. Das GYSFLASH wird direkt an den 12V-Anschluss des Motorrads angeschlossen (Kabel optional).

**Auto Recovery** : Recovers deeply discharged (min 2V) and/or sulfated batteries.  
Auto Recovery : Récupération des éléments des batteries profondément déchargées (mini 2V) et/ou sulfatées.  
Auto Recovery: Wiederherstellung der Zellen bei tiefentladenen bzw. sulfatierten Batterien (min. 2V).

**Temperature Sensor**  
Fitted with a highly sensitive sensor, Gysflash automatically adjusts the charge based on ambient temperature.  
Équipé d'un capteur haute sensibilité, le Gysflash ajuste automatiquement les paramètres de charge en fonction de la température ambiante.  
Ausgestattet mit einem hochempfindlichen Sensor stellt das GYSFLASH automatisch die Ladeparameter der Umgebungstemperatur entsprechend ein.

## HERITAGE • 6/12V

GYSFLASH 6 HERITAGE

0.8/6A



## 6/12/24V

GYSFLASH 6.24

0.8/6A



GYSFLASH 9.24

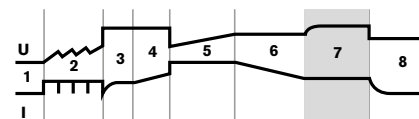
9A



## SMART CHARGE 7 STEP / 8 STEP / 8 STEP LiFePO4

Pb

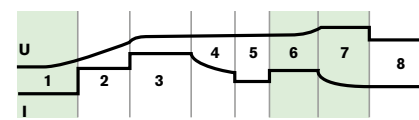
1. Status analysis
2. Recovery
3. Test desulfation
4. Desulfation
5. Fast charge 80%
6. Absorption
7. Refresh (for "8 step" only)
8. Floating 100%



Rebalancing of the battery cells for greater longevity (not available on all models).  
Rééquilibrage des cellules de la batterie pour plus de longévité (suivant modèle).  
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)**  
Battery reactivation when in UVP protection.  
Réactivation de la batterie en protection UVP.  
Reaktivierung der Batterie mit UVP-Schutz.

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



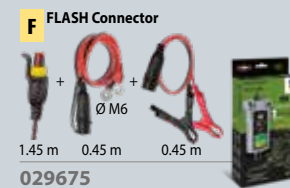
# LiFePO4



## 12V

GYSFLASH 1.12 Lithium

1A



GYSFLASH 6.12 Lithium

4/6A



DESIGN GYS FRANCE MADE IN GYS CHINA

	50/60 Hz	Power	I charge	V	Charge	Maintenance	Zz	Ondulation/Ripple	Charging curve	IP	Weight	Dimensions	Volume
<b>GYSFLASH 1.12 Lithium</b>	220-240 V AC	18 W	1 A	12 V	0.5 > 20 Ah	0.5 > 50 Ah	<0.4 Ah/month	<150 mV Rms	IUoU	8 step	0.44 kg	13 x 8 x 3.8 cm	29.7 x 15 x 5.7 / 0.6
<b>GYSFLASH 6.12 Lithium</b>	220-240 V AC	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	0.77 kg	19 x 10 x 5.2 cm	36.5 x 19.5 x 7 / 1

	50/60 Hz	Power	I charge	V	Charge	Maintenance	Zz	Ondulation/Ripple	Charging curve	IP	Weight	Dimensions	Volume
<b>GYSFLASH 6 HERITAGE</b>	220-240 V AC	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	0.77 kg	19 x 10 x 5.2 cm	36.5 x 19.4 x 7 cm / 1
<b>GYSFLASH 6.24</b>	220-240 V AC	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	0.85 kg	19 x 10 x 5.2 cm	36.5 x 19.5 x 7 cm / 1
<b>GYSFLASH 9.24</b>	220-240 V AC	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	1.1 kg	22.1 x 11.1 x 5.8 cm	36.5 x 19.5 x 7 cm / 1.3





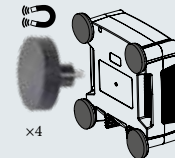


CHARGERS

# SMART HF INVERTER Pb/LiFePO4

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

**Magnetfix 20**  
026063



x4

**NEW**  
06 2023



**SC SMART COOLING TECHNOLOGY**

**100% DUST PROOF**

**SILENT**

**IP 23**

INDOOR / OUTDOOR

**IP 65**

INDOOR / OUTDOOR

**SHOCK RESISTANT**

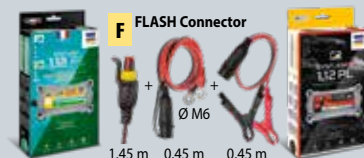
## 12V

### GYSFLASH 1.12 PL & 1.12 PL S

**1A**

GO > 7V SSM START STOP CAN BUS

7 STEP Pb 8 STEP LiFePO4



**1.12 PL**  
026902  
027541

**1.12 PL S (110 V)**  
070851  
072794  
072824

### GYSFLASH 8.12 PL

**1/4 / 8A**

GO > 2V SSM START STOP CAN BUS

7 STEP Pb 8 STEP LiFePO4



069282

### GYSFLASH 18.12 PL

**7/12 / 18A** GO > 2V

GO > 2V SSM START STOP

8 STEP LiFePO4 7 STEP Pb



026926

### GYSFLASH 30.12 PL

**7/15 / 30A**

GO > 2V SSM START STOP

8 STEP LiFePO4 7 STEP Pb



029668  
026070

### GYSFLASH 32.12 PL

**7/15 / 30A**

GO > 2V SSM START STOP

8 STEP LiFePO4 7 STEP Pb

SC



027381

## 12 / 24V

### GYSFLASH 20.12/24 PL

**7/15 / 20A**

GO > 2V SSM START STOP

8 STEP LiFePO4 7 STEP Pb



026049  
027558

### GYSFLASH 15.24 XTREM

**15A**

GO > 2V SSM START STOP

7 STEP Pb SC

Double insulation



025813

DESIGN GYS FRANCE MADE IN GYS CHINA MADE IN FRANCE	Model	AC Input	Power	I <sub>charge</sub>	V <sub>Charge</sub>	Maintenance	Zz	Ondulation/Ripple	Charging curve	IP	Weight	Dimensions (LxWxH cm)	Weight (kg)	
GYSFLASH 1.12 PL	1.12 PL	220-240 V AC	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	IP 65	0,69 kg	17 × 9 × 5,1 cm	33 × 17,5 × 6 / 0,8
	1.12 PL S	100-127 V AC	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	IP 65	0,69 kg	17 × 9 × 5,1 cm	33 × 17,5 × 6 / 0,8
GYSFLASH 8.12 PL	8.12 PL	220-240 V AC	130 W	1/4 / 8 A	12 V	15 > 160 Ah (Pb) 1.2 > 160 Ah (LiFePO4)	15 > 240 Ah (Pb) 1.2 > 240 Ah (LiFePO4)	<0.4 Ah/month	<150 mV Rms	IUoU	IP 65	0,85 kg	19 × 10 × 5,2 cm	—
GYSFLASH 18.12 PL	18.12 PL	220-240 V AC	300 W	7/12 / 18 A	12 V	15 > 270 Ah (Pb) 7 > 270 Ah (LiFePO4)	15 > 270 Ah (Pb) 7 > 270 Ah (LiFePO4)	<0.5 Ah/month	<100 mV Rms	IUoU	IP 33	1,55 kg	19 × 19 × 7,3 cm	30 × 22 × 9 / 1,9

DESIGN GYS FRANCE MADE IN FRANCE	Model	AC Input	Power	I <sub>charge</sub>	V <sub>Charge</sub>	Maintenance	Zz	Ondulation/Ripple	Charging curve	IP	Weight	Dimensions (LxWxH cm)	Weight (kg)	
GYSFLASH 30.12 PL	30.12 PL	220-240 V AC	500 W	7/15/30 A	12 V	15 > 375 Ah (Pb) 7 > 375 Ah (LiFePO4)	15 > 375 Ah (Pb) 7 > 375 Ah (LiFePO4)	<0.5 Ah/month	<150 mV Rms	IUoU	IP 33	1,85 kg	19 × 19 × 7,3 cm	30 × 22 × 9 / 2,2
GYSFLASH 32.12 PL	32.12 PL	230 V	500 W	7/15/30 A	12 V	10 > 400 Ah	10 > 400 Ah	<0.5 Ah/month	<150 mV Rms	IUoU	IP 23	4,7 kg	8 × 25 × 20 cm	36 × 27,5 × 20,5 / 4,6
GYSFLASH 20.12/24 PL	20.12/24 PL	220-240 V AC	500 W	7/15/20 A / 7/15 A / 24 V	12 V / 24 V	15 > 300 Ah (Pb) 7 > 300 Ah (LiFePO4) 15 > 240 Ah (Pb) 7 > 240 Ah (LiFePO4)	15 > 300 Ah (Pb) 7 > 300 Ah (LiFePO4) 15 > 240 Ah (Pb) 7 > 240 Ah (LiFePO4)	<1 Ah/month	<150 mV Rms	IUoU	IP 33	1,85 kg	19 × 19 × 7,3 cm	30 × 22 × 8,5 / 2,2
GYSFLASH 15.24 XTREM	15.24 XTREM	230 V	500 W	7/10/15 A / 12/24 V	12 V / 24 V	5 > 240 Ah	5 > 240 Ah	<1 Ah/month	<150 mV Rms	IUoU	IP 65	5,4 kg	7,5 × 25 × 21 cm	27 × 20 × 36 / 5,4



## GYSFLASH TECHNOLOGY

### SSM

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

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

Einstellungsspeicherung. Automatisches Starten nach einem Netzausfall.

### START STOP

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

### Auto Recovery

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

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

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

### t°

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

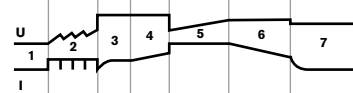
Équipé d'un capteur haute sensibilité, le Gysflash ajuste automatiquement les paramètres de charge en fonction de la température ambiante.

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

## SMART CHARGE 7 STEP / 8 LiFePO<sub>4</sub>

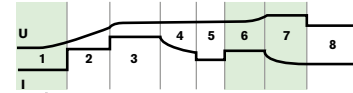
### Pb

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



### LiFePO<sub>4</sub> (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)**  
Battery reactivation when in UVP protection.  
Réactivation de la batterie en protection UVP.  
Reaktivierung der Batterie mit UVP-Schutz.

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

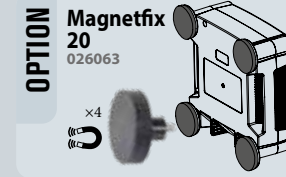
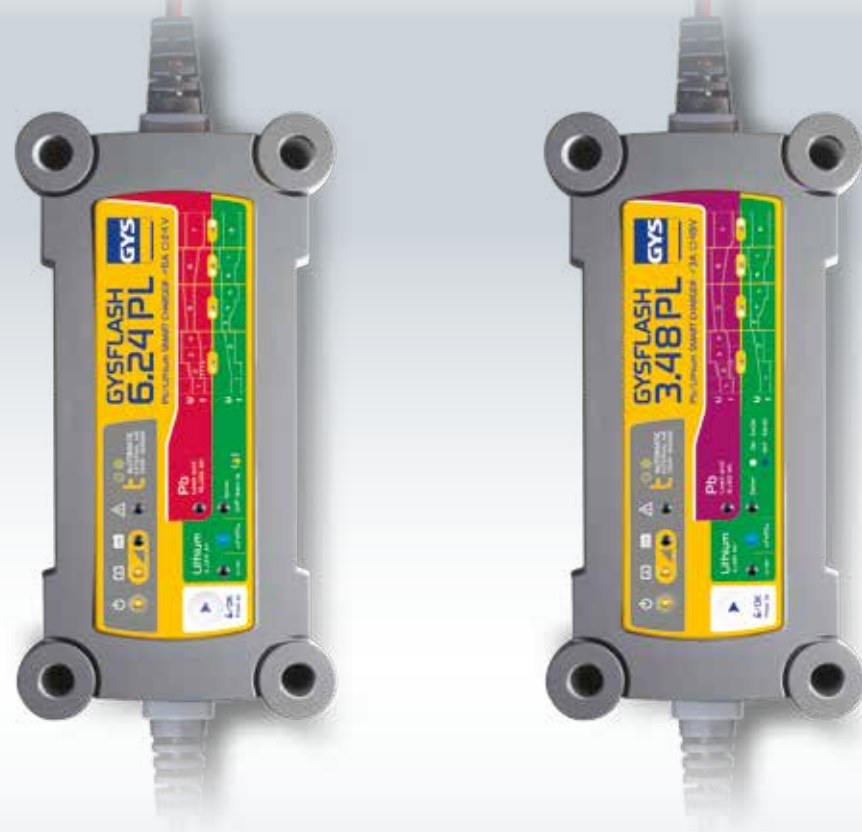


## GYSFLASH Pb / LITHIUM

### CHARGERS

# ELECTRICAL MOBILITY Pb/Lithium

LiFePO<sub>4</sub> / Li-ion / Li-Pb / NMC / LCO / MCO / NCA...



## 24 V • ELECTRICAL MOBILITY

### GYSFLASH 6.24 PL

6 A GO > 2 V



027398

## 48V

### GYSFLASH 3.48 PL

3 A GO > 5 V



027893

## INDUSTRY / ELECTRICAL MOBILITY • 36 / 48 V

### GYSFLASH 10.36/48 PL

10 A GO > 5 V



027060



DESIGN GYS FRANCE	PATENTS REGISTERED NUMBERS 002280008 & 002279927 EUROPEAN TRADEMARK & DESIGN	50 / 60 Hz	Power	I <sub>charge</sub>	V	n cell			Charge	Maintenance	Zz	Ondulation/Ripple	Charging curve	IP	Weight	Dimensions	L x W x H cm / kg	
						Pb	LFP	NMC										
MADE IN GYS CHINA	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)	<0.4 Ah /month	<150 mV Rms	IUoU	7 step (Pb) 8 step (Li)	IP 65	1,1 kg	22.1 x 11.1 x 5.8 cm / 1.4
							6 > 60 Ah	6 > 85 Ah	<0.4 Ah /month	<150 mV Rms	IUoU	7 step (Pb) 8 step (Li)	IP 65	1,1 kg	22.1 x 11.1 x 5.8 cm / 1.2			
MADE IN FRANCE	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)	<0.4 Ah /month	<150 mV Rms	IUoU	7 step (Pb) 8 step (Li)	IP 33	1,85 kg	19 x 19 x 7.3 cm / 2
					8 A	48V	24	15/16	13/14	15 > 160 Ah (Pb) 8 > 160 Ah (Li)	15 > 160 Ah (Pb) 8 > 160 Ah (Li)	<0.4 Ah /month	<150 mV Rms	IUoU	7 step (Pb) 8 step (Li)	IP 33	1,85 kg	19 x 19 x 7.3 cm / 2

## ELECTRICAL MOBILITY

### MOBILITY



### OUTDOOR



### INDUSTRY



### MEDICAL









**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



**SILENT**

HIGH EFFICIENCY  
Up to 15% Energy Saving

**93%**

EMC class B



**ALU RUST PROTECTION**

**ULTRA LIGHTWEIGHT**

**VIBRATION & SHOCK RESISTANT**

**-25 / +60°C**

**GYSFLASH PL-E TECHNOLOGIES**

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

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

Einstellungsspeicherung. Automatisches Starten nach einem Netzausfall.

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

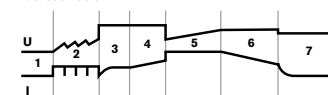
Auto Recovery : Récupération des éléments des batteries profondément déchargées (mini 2V) et/ou sulfatées.

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

**SMART CHARGE**

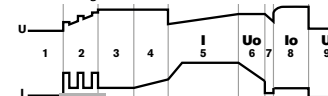
**Pb**

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



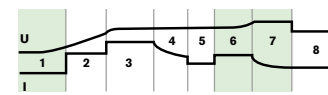
**Pb TRACTION**

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%



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

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

**OUTDOOR - LEISURE**



**MOBILITY**



**MARINE**



**AGRI**



**MEDICAL**



**PROFESSIONAL**



**INDUSTRY**



**GYSFLASH ON BOARD**

**CHARGERS ON BOARD**

**Pb** NMC / LCO / MCO / NCA...  
**Lithium** LiFePO4 / Li-ion / Li-Po



**PFC POWER FACTOR CORRECTION** 185V ← 265V



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	GYSFLASH 30.12 PL-E
<b>18 A</b>	<b>30 A</b> COMING SOON
Pb / LFP 025806	Pb / LFP

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

**OPEN & CONNECT**

cables not included



4 pts connector included  
3G  
0.75 x 2.5 mm²

**INCLUDED**



3 pts connector included  
max 2.5 mm² or AWG14

Fixing Kit

MADE IN FRANCE	50 / 60 Hz	Pb	LFP	START MINI	I max	25°C	40°C	50°C	60°C	Zz	Ondulation/ Ripple	IP	Weight	Dimensions (cm / kg)
						@100%	@100%	@100%	@100%					
GYSFLASH 18.12 PL-E	230V	12V	300W	2V	18A	18A	16A	14A	12.5A	<0.4 Ah/month	<150 mV Rms	20	1.3 kg	21.5 x 17.5 x 7 cm / 1.7
GYSFLASH 30.12 PL-E	230V	12V	500W	2V	30A	30A	27A	23A	18A	<0.4 Ah/month	<150 mV Rms	20	1.6 kg	21.5 x 8 x 17.5 cm
GYSFLASH 15.24 PL-E	230V	24V	500W	2V	15A	15A	13.5A	11.5A	9A	<0.4 Ah/month	<150 mV Rms	20	1.6 kg	21.5 x 8 x 17.5 cm
GYSFLASH 10.36 PL-E	230V	36V	500W	2V	10A	10A	9A	7.5A	6A	<0.4 Ah/month	<150 mV Rms	20	1.6 kg	21.5 x 8 x 17.5 cm
GYSFLASH 8.48 PL-E	230V	48V	500W	2V	8A	8A	7A	6A	5A	<0.4 Ah/month	<150 mV Rms	20	1.6 kg	21.5 x 8 x 17.5 cm

**ENERGYS**

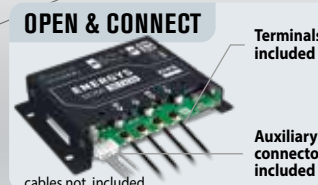
**ON BOARD POWER INVERTER**  
DC > DC REVERSIBLE

**Pb** Liquid / Gel, AGM  
**Lithium** LiFePO4

**NEW**  
09 / 2023



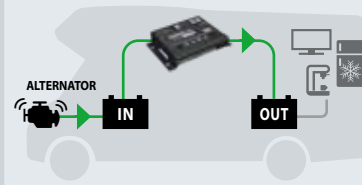
**ENERGYS DC/DC 50.12 / 24**  
**50 A**



72534	Bat. input		Bat. output		Solar input		EFFICIENCY	Zz	mm	g
	U	I max	U	I max	U <sub>MPPT</sub>	I max				
ENERGYS DC/DC 50.12/24	12/24V	50A	12/24V	50A	9-30V	20A	98%	<5 mA	135 x 35 x 200	570

**EURO 6 STANDARD**

when starting the vehicle



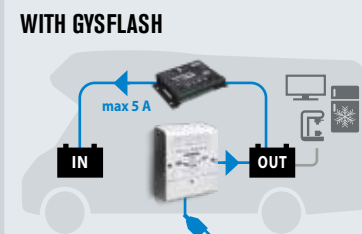
**MORE OUTPUT POWER**

PARALLEL CHARGING



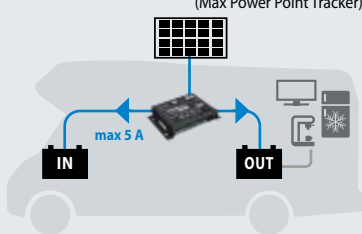
**DOUBLE CHARGING**

vehicle stopped



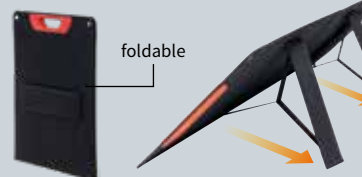
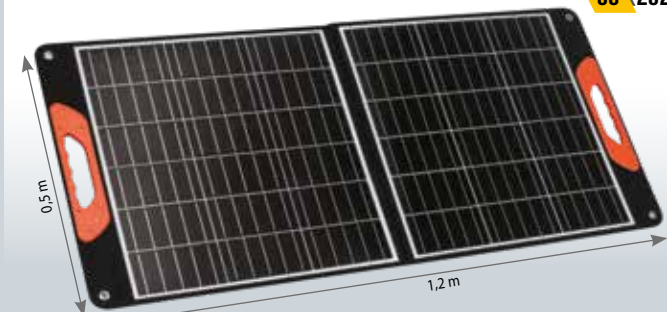
**WITH SOLAR PANEL**

MPPT integrated (Max Power Point Tracker)



**SOLAR PANEL**

**NEW**  
08 / 2023



**SOLAR PANEL**

monocrystalline - ETFE quality  
18V - 100 W max

OUTPUT  
USB 1 : 5V/3A  
USB 2 : 5V/3A ; 9V/2A ; 12V/1.5A  
Type C : 5V/3A ; 9V/2A ; 12V/1.5A  
Jack : 18V/5.6A max

compatible with Energys DC/DC 50.12/24

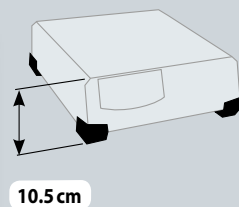
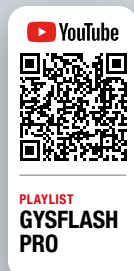
079410





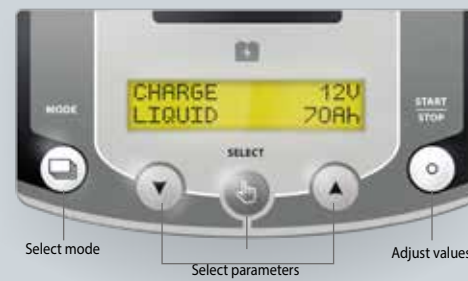
# CHARGERS BSU & CHARGERS

BATTERY SUPPORT UNIT



**PFC** POWER FACTOR CORRECTION

**FV** FLEXIBLE VOLTAGE  
85 V — 265 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

**SC SMART COOLING TECHNOLOGY**

100% DUST PROOF

SILENT

**SMART 9 STEP**

**Pb**

- Status analysis
- Recovery
- Sulphation test
- Desulfation
- Fast charge 80%
- Absorption
- Refresh
- Floating 100%

**LiFePO<sub>4</sub>** **7 steps**

- Status analysis
- Recovery
- Fast charge 90%
- Absorption 95%
- Completion
- Equalization
- Floating 100%

**CHARGE**

**Pb AUTOMOTIVE**

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

**Pb TRACTION**

- ✓ GEL
- ✓ LIQUID

**LITHIUM READY**

- ✓ LFP/LiFePO<sub>4</sub>

**BSU**

**DIAG +**

**SHOWROOM**

**CHANGE BATTERY**

**POWER SUPPLY**

U<sub>2</sub> & I<sub>2</sub> max ADJUSTABLE



**12 V**

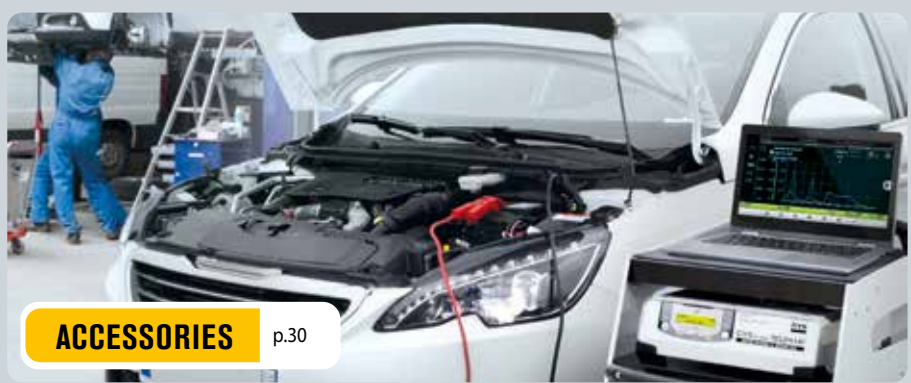
<b>GYSFLASH 30.12</b> <b>30 A</b> PFC SC 2,5 m - 6 mm <sup>2</sup> 029224	<b>GYSFLASH 50.12 FV</b> <b>50 A</b> PFC FV SC 2,5 m - 10 mm <sup>2</sup> 026056	<b>GYSFLASH 100.12</b> <b>100 A</b> PFC SC 2,5 m - 16 mm <sup>2</sup> 029071 029453 5 m - 16 mm <sup>2</sup> 029415 029002
---	--	--

**6 / 12 / 24 V**

<b>GYSFLASH 30.24</b> <b>30 A</b> PFC SC 2,5 m - 6 mm <sup>2</sup> 029231	<b>GYSFLASH 50.24</b> <b>50 A</b> PFC SC 2,5 m - 10 mm <sup>2</sup> 029095 5 m - 16 mm <sup>2</sup> 029620
---	--

**12 V**

<b>GYSFLASH 102.12</b> <b>100 A</b> PFC SC 5 m - 16 mm <sup>2</sup> 029606
--



**ACCESSORIES** p.30

MADE IN FRANCE	50 / 60 Hz	L	mm <sup>2</sup>	START MINI	I <sub>max</sub>	25°C @ 100%	40°C @ 100%	TRACTION BATTERIES	SHOWROOM CONNECT	IP	kg	L × W × H cm / kg				
<b>GYSFLASH 30.12</b>	185 > 265V	2,5 m	6	12V	540W	2V	30 A	30 A	30 A	10 · 400 Ah	—	0 M6	21	4.9 kg	25.5 × 10.5 × 23 cm	41.4 × 25 × 31.1 / 4.9
<b>GYSFLASH 50.12 FV</b>	85 > 265V	2,5 m	10	12V	850W	2V	50 A	50 A	40 A	10 · 600 Ah	—	0 M6	21	6.6 kg	30 × 10.5 × 29 cm	40 × 24 × 30 / 6.6
<b>GYSFLASH 100.12</b>	185 > 265V	2,5 m 5 m	16	12V	1600W	2V	100 A	75 A	66 A	20 · 1200 Ah	—	0 M6	21	7.4 kg 8.3 kg	32 × 10.5 × 29.2 cm	31 × 25 × 41 / 7.4
<b>GYSFLASH 30.24</b>	185 > 265V	2,5 m	6	6V 12V 24V	540W	2V	30 A 30 A 15 A	30 A 30 A 15 A	30 A 30 A 15 A	10 · 400 Ah 10 · 200 Ah	•	0 M6	21	4.9 kg	25.5 × 10.5 × 23 cm	41.5 × 24.3 × 31 / 4.9
<b>GYSFLASH 50.24</b>	185 > 265V	2,5 m 5 m	10 16	6V 12V 24V	1600W	2V	50 A	50 A 50 A 45 A	45 A 40 A 35 A	10 · 600 Ah	•	0 M6	21	6.6 kg 7.9 kg	30 × 10.5 × 29.2 cm	41 × 24.5 × 31 / 6.6
<b>GYSFLASH 102.12</b>	185 > 265V	5 m	16	12V	1600W	2V	100 A	75 A	66 A	20 · 1200 Ah	—	0 M6	21	9.1 kg	12 × 34.5 × 29.5 cm	24 × 40 × 30 / 9.1





CHARGERS

# BSU & CHARGERS

BATTERY SUPPORT UNIT

**CNT**  
Connected  
Technology  
**FULL CUSTOMIZABLE**  
p.26

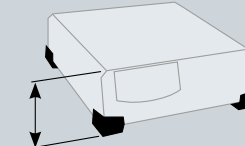
**PFC** POWER FACTOR CORRECTION

**16 V** COMPATIBLE WITH 16V BATTERIES

**FV** FLEXIBLE VOLTAGE  
85 V ← 265 V

**22 languages**

- GB RU GR CN simplified
- FR SE CZ CN traditional
- DE DK PL JP
- NL FI SK UA
- ES TR
- 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

**12 V (factory preset)**  
**16/24 V READY**

Use custom configuration tool (detail p.26)



### GYSFLASH 51.12 CNT FV

**50 A**

PFC FV SC CNT

2,5 m - 10 mm<sup>2</sup>  
068179



### GYSFLASH 101.12 CNT

**100 A**

PFC SC CNT

2,5 m - 16 mm<sup>2</sup>  
025790  
5 m - 16 mm<sup>2</sup>  
026988



### 12 V

### GYSFLASH 121.12 CNT FV

**120 A**

PFC FV CNT

5 m - 25 mm<sup>2</sup>  
026971  
027756  
071605



### GYSFLASH 125.12 CNT FV

**120 A** 120 A @ 100%

PFC FV CNT

5 m - 25 mm<sup>2</sup>  
028883



### 6 / 12 / 16 / 24 V

### GYSFLASH 101.24 CNT FV

**100 A**

PFC FV CNT

16 V  
5 m - 25 mm<sup>2</sup>  
025967



### 6 / 12 / 16 / 24 / 36 / 48 V

### GYSFLASH 51.48 CNT FV

**50 A**

PFC FV CNT

16 V  
2,5 m - 16 mm<sup>2</sup>  
072015



**SC**

**SMART COOLING TECHNOLOGY**

**100% DUST PROOF**

**SILENT**

**SMART 9 STEP**

**Pb**

- Status analysis
- Recovery
- Sulphation test
- Desulfation
- Fast charge 80%
- Absorption
- Test Absorption
- Refresh
- Floating 100%

**LiFePO<sub>4</sub>**

- Status analysis
- UVP Wake Up
- Recovery
- Fast charge 90%
- Absorption 95%
- Test
- Completion
- Equalization
- Floating 100%

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

Equalizing Balancing System 100% Perfect charge

**CHARGE (150 CURVES CAPACITY)**

**Pb AUTOMOTIVE**

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

**Pb TRACTION**

- GEL
- LIQUID
- and more

**LITHIUM**

- LFP/LiFePO<sub>4</sub>
- LI-ION STD
- LFP CELL+
- LI-ION CELL+
- and more

**BSU (10 CURVES CAPACITY)**

**DIAG +**

**SHOWROOM**

**CHANGE BATTERY**

**POWER SUPPLY**

**AND MORE**

**TEST**

- VOLTAGE
- START UP
- ALTERNATOR

**STARTER**

- START

**CNT**

**Connected Modules & Technology**  
p.26

MADE IN FRANCE	50/60 Hz	mm <sup>2</sup>	START MINI	I max	25°C @100%	40°C @100%	TRACTION BATTERIES	SHOWROOM CONNECT	IP	kg	L x W x H cm / kg					
<b>GYSFLASH 51.12 CNT FV</b>	85 > 265 V	2,5 m	10	12V / 24V	850 W	1 V	50 A / 25 A	50 A / 25 A	40 A / 20 A	10 > 600 Ah / 10 > 300 Ah	•	0 M6	41	6.8 kg	30 x 10.5 x 29 cm	38.5 x 22 x 40.5 / 6.8
<b>GYSFLASH 101.12 CNT</b>	185 > 265 V	2,5 m / 5 m	16	12V	1600 W	1 V	100 A	75 A	66 A	20 > 1200 Ah	•	0 M6	21	7.5 kg / 8.3 kg	32 x 10.5 x 29.2 cm	38.5 x 20 x 40.5 / 7.5 35.5 x 23 x 35 / 8.6
<b>GYSFLASH 121.12 CNT FV</b>	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	•	0 M6	20	10.4 kg	31 x 13 x 26 cm	35.5 x 23 x 35 / 10.4
<b>GYSFLASH 125.12 CNT FV</b>	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	•	0 M6	40	10.9 kg	31 x 13 x 26 cm	38.5 x 22 x 40.5 / 10.9
<b>GYSFLASH 101.24 CNT FV</b>	85 > 265 V	5 m	25	6/12V / 24V	3200 W	1 V	110 V : 100 A / 230 V : 100 A	72 A / 89 A	47 A / 68 A	20 > 1200 Ah	•	0 M6	20	10.6 kg	31 x 13 x 26 cm	38.5 x 22 x 40.5 / 10.6
<b>GYSFLASH 51.48 CNT FV</b>	85 > 265 V	2,5 m	16	6/12/24V / 36/48V	3200 W	1 V	110 V : 50 A / 230 V : 50 A	44 A / 49 A	21 A / 39 A	10 > 600 Ah	•	0 M6	20	9 kg	31 x 13 x 26 cm	41 x 22 x 38.5 / 9



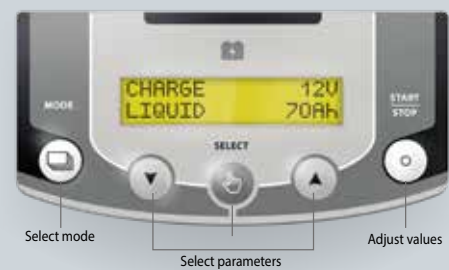


CHARGERS

# 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
- DE PT SE TR CZ HU JP

**PFC** POWER FACTOR CORRECTION

**16 V** COMPATIBLE WITH 16V BATTERIES

**FV** FLEXIBLE VOLTAGE  
85 V — 265 V

## TRACTION



**NEW**



12 V

6 / 12 / 16 / 24V

6 / 12 / 16 / 24 / 36 / 48V

GYSFLASH 103.12 CNT

100 A

PFC SC CNT

5 m - 16 mm<sup>2</sup>  
072008



GYSFLASH 123.12 CNT FV

120 A

PFC FV CNT

5 m - 25 mm<sup>2</sup>  
025677



GYSFLASH 103.24 CNT FV

100 A

PFC FV CNT 16 V

5 m - 25 mm<sup>2</sup>  
025684



GYSFLASH 25.48 CNT FV

25 A

PFC SC FV CNT 16 V

2,5 m - 10 mm<sup>2</sup>  
075962



GYSFLASH 53.48 CNT FV

50 A

PFC FV CNT 16 V

2,5 m - 16 mm<sup>2</sup>  
025998



SC

**SMART COOLING TECHNOLOGY**

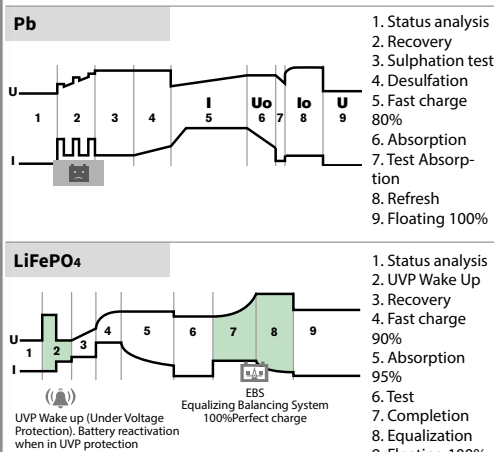
100% DUST PROOF



**SILENT**



### SMART 9 STEP



### CHARGE (150 CURVES CAPACITY)

- Pb AUTOMOTIVE**
- ✓ GEL
  - ✓ AGM
  - ✓ LIQUID
  - ✓ EASY
  - ✓ NORMAL
  - ✓ BOOST
  - ✓ RECOVERY+ and more
- Pb TRACTION**
- ✓ GEL
  - ✓ LIQUID
  - ✓ and more
- LITHIUM**
- ✓ LFP/LiFePO<sub>4</sub>
  - ✓ LI-ION STD
  - ✓ LFP CELL+
  - ✓ LI-ION CELL+
  - ✓ and more

### BSU (10 CURVES CAPACITY)

- DIAG +**
- SHOWROOM**
- CHANGE BATTERY**
- POWER SUPPLY**
- AND MORE**
- ✓ TEST**
- ✓ VOLTAGE
  - ✓ START UP
  - ✓ ALTERNATOR
- ✓ STARTER**
- ✓ START

### CNT

- Connected Modules & Technology** p.26
- 

MADE IN FRANCE	50 / 60 Hz	mm <sup>2</sup>	START MINI	I max	25°C @100%	40°C @100%	TRACTION BATTERIES	SHOWROOM CONNECT	IP	kg	L x W x H cm / kg					
<b>GYSFLASH 103.12 CNT</b>	185 > 265V	5 m	16	12V	1600W	1V	100 A	75 A	66 A	20 > 1200Ah	—	Ø M6	21	8,2 kg	34,5 × 29,5 × 12 cm	41 × 38,5 × 22 / 9,2
<b>GYSFLASH 123.12 CNT FV</b>	85 > 265V	5 m	25	12V	2000W	1V	110V : 100 A 230V : 120 A	100 A 120 A	85 A 120 A	20 > 1200Ah	•	Ø M6	30	11 kg	34 × 25 × 15 cm	35,5 × 23,5 × 35 / 11
<b>GYSFLASH 103.24 CNT FV</b>	85 > 265V	5 m	25	6/12V 24V	3200W	1V	110V : 100 A 230V : 100 A	100 A 100 A	68 A 79 A	20 > 1200Ah	•	Ø M6	30	11 kg	34 × 25 × 15 cm	35 × 23 × 37 / 11
<b>GYSFLASH 25.48 CNT FV</b>	100 > 127V 220 > 240V	2,5 m	10	6/12/24V 36/48V	800 W 800 W 1600 W	1V	110V : 12 A 230V : 25 A	19 A 23,5 A 22 A	12 A 22 A	10 > 300Ah	•	Ø M6	21	7,8 kg	12 × 34,5 × 29,5 cm	40,5 × 38 × 22,5 / 8,8
<b>GYSFLASH 53.48 CNT FV</b>	85 > 265V	2,5 m	16	6/12/24V 36/48V	3200W	1V	110V : 50 A 230V : 50 A	50 A 50 A	28 A 41 A	10 > 600Ah	•	Ø M6	30	9,5 kg	34 × 25 × 15 cm	40 × 39 × 23 / 9,5





CHARGERS

# 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

**FV** FLEXIBLE VOLTAGE  
320V ← 520V  
400 V 480 V  
GYSFLASH 158.12 CNT FV

**19 languages**  
GB IT HR  
FR RU GR  
DE SE CZ  
NL DK PL  
ES FI SK  
PT TR UA  
HU



## INDUSTRY / PRODUCTION

**NEW**



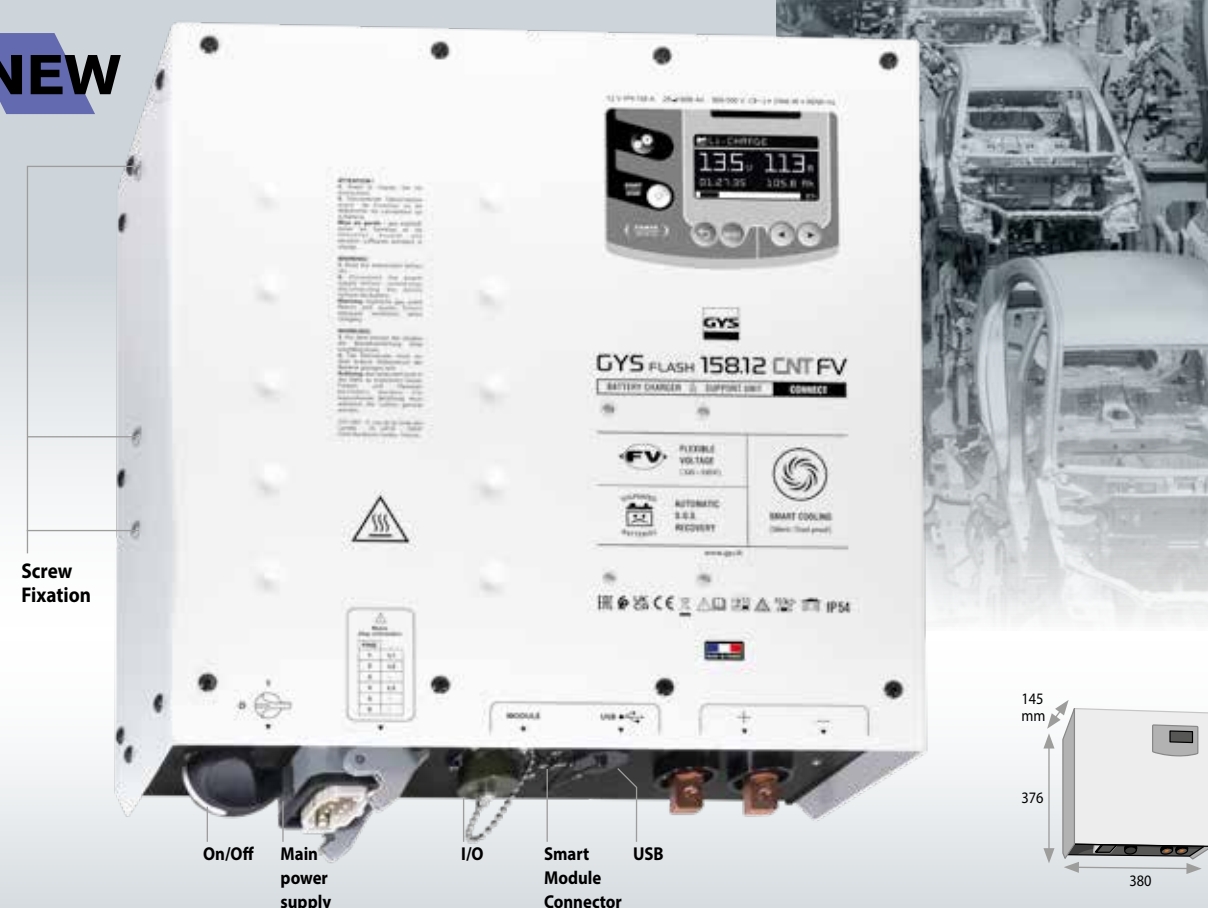
**IP 54**

**DUST & SPLASH PROTECTION**

**FAN LESS TECHNOLOGY**

**NATURAL CONVECTION**

**NEW**



12 V



GYSFLASH 148.12 CNT FV

**145 A**

1 ~

**PFC SC FV CNT**

069916

GYSFLASH 158.12 CNT FV

**150 A**

3 ~

**SC FV CNT**

069909

**SC**

**SMART COOLING TECHNOLOGY**

**100% DUST PROOF**

**SILENT**

**SMART 9 STEP**

**Pb**

- Status analysis
- Recovery
- Sulphation test
- Desulfation
- Fast charge 80%
- Absorption
- Test Absorption
- Refresh
- Floating 100%

**LiFePO4**

- Status analysis
- UVP Wake Up
- Recovery 90%
- Fast charge 95%
- Absorption
- Test
- Completion
- Equalization
- Floating 100%

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

Equalizing Balancing System 100% Perfect charge

**CHARGE (150 CURVES CAPACITY)**

**Pb AUTOMOTIVE**

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

**Pb TRACTION**

- ✓ GEL
- ✓ LIQUID
- ✓ and more

**LITHIUM**

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

**BSU (10 CURVES CAPACITY)**

**DIAG +**

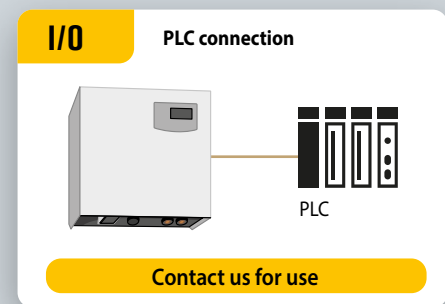
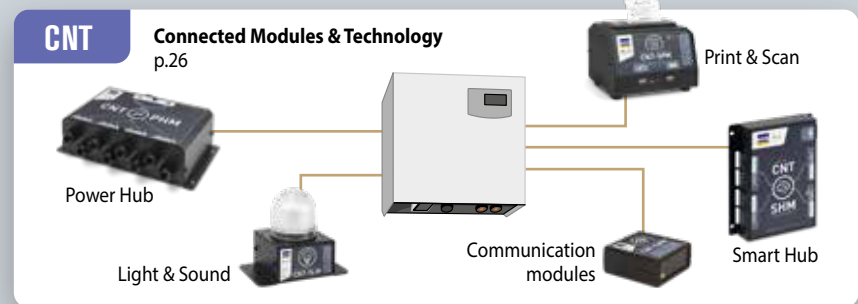
U2 ADJUSTABLE

**POWER SUPPLY**

U2 & I2 max ADJUSTABLE

**AND MORE**

- ✓ **TEST**
- ✓ VOLTAGE
- ✓ START UP
- ✓ ALTERNATOR
- ✓ **STARTER**
- ✓ START



MADE IN FRANCE	50 / 60 Hz	5 m	25	12V	2500W	1V	I max	25°C @ 100%	40°C @ 100%	60°C @ 100%	TRACTION BATTERIES	SHOWROOM CONNECT	IP	Weight	Dimensions
<b>GYSFLASH 148.12 CNT FV</b>	85 > 265V	5 m	25	12V	2500W	1V	110V : 100 A 230V : 145 A	100 A 134 A	90 A 116 A	62 A 88 A	•	Ø M6	54	9.4 kg	37.6 × 14.5 × 29.6 cm
<b>GYSFLASH 158.12 CNT FV</b>	320 > 520V	5 m	25	12V	2500W	1V	150 A	140 A	120 A	100 A	•	Ø M6	54	10.3 kg	37.6 × 14.5 × 38 cm





CHARGERS

# BSU & CHARGERS

BATTERY SUPPORT UNIT

**CNT**  
Connected  
Technology



USB key  
16 Gb  
062344



**SPECIAL PROJECTS**  
Contact us for special projects.  
Quick Customization:  
Modes, Curves, parameters...

SOFTWARE UPDATE LIFETIME EVOLUTION



TRACEABILITY CHARGING DATA



DESIGN YOUR CHARGING CURVE PRODUCT CONFIGURATION (CONFIG CURVE / LOGISTIC / CHARGING CURVE)

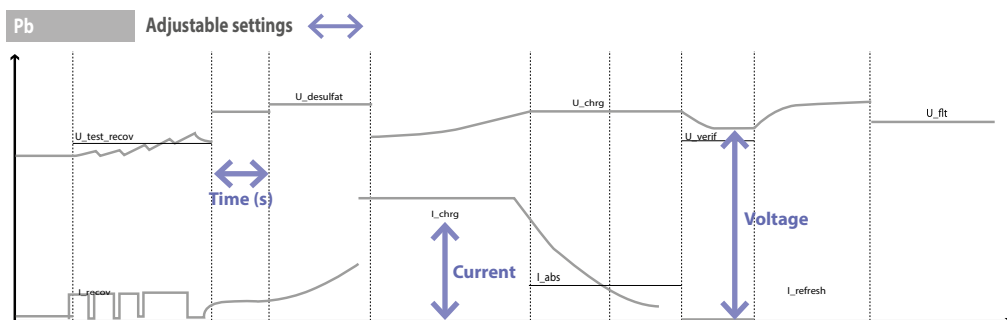
CNT MANAGER (gys.fr)

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



Full customisation

Create your online specific configuration



Adjust your product to your charging needs

	LEAD-ACID - PB	Lithium - LFP	Lithium - Li-ion std
<b>VOLTAGE CELL (20% - 100%)</b>	2.0V/cell – 2.15 V/cell	3.2V/cell – 3.6 V/cell	3.5 V/cell – 4.2 V/cell
<b>CHARGING VOLTAGE</b>	2.33 V/cell – 2.47 V/cell	3.6 V/cell	4.2 V/cell
<b>Gysflash xx.12 CNT</b>	1 S* – 6 S	1 S – 4 S	1 S – 3 S
<b>Gysflash xx.24 CNT</b>	1 S – 12 S	1 S – 8 S	1 S – 7 S
<b>Gysflash xx.48 CNT</b>	1 S – 24 S	1 S – 16 S	1 S – 14 S

\*S = Battery serial cells

Download a GYS specific configuration

Configuration file (gys.fr)	Applications	CHARGE MODE										POWER MODE				MISCELLANEOUS				
		Pb-CHARGE					Li-CHARGE			TRACTION		SHOWROOM	CHANGE BAT.	STARTER MODE	POWER SUPPLY	Li-SUPPLY/LFP	Li-SUPPLY/Li-ion	TESTER MODE		
		normal	AGM	liquid	Easy	Boost	Recovery + Ca / Ca recov	LFP/LiFePO4	Li-ion std	LFP cell+	Li-ion cell+								liquid	gel
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	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

MODULES EXTREME MODULARITY

SINGLE MODULE



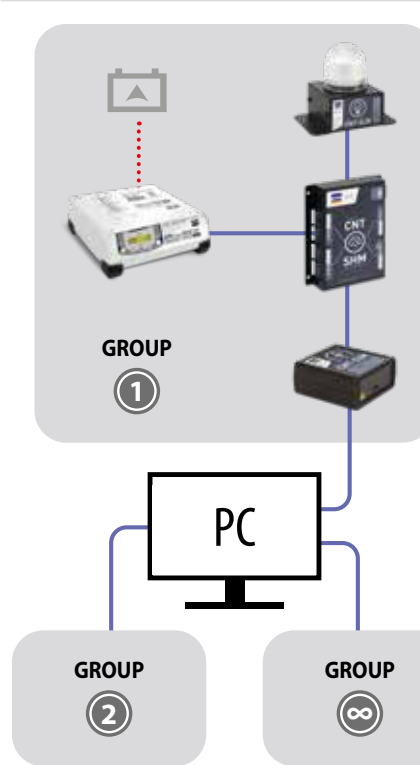
MULTI MODULES



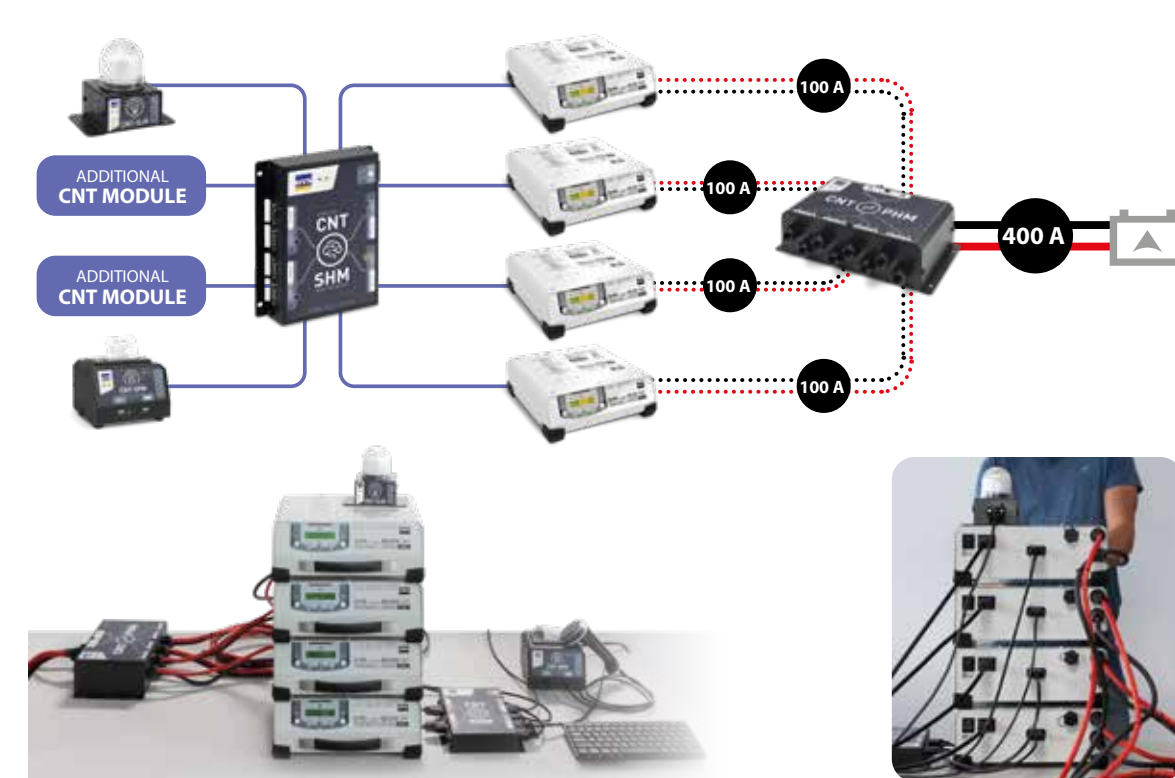
ADVANCED



MULTI MODULES GROUPS



PARALLEL CHARGING EXAMPLE : GYSFLASH 101.12 CNT (X4)







CHARGERS

# BSU & CHARGERS

BATTERY SUPPORT UNIT

**CNT**  
Connected  
Technology

COMING SOON

LoRa<sup>®</sup> Sigfox CAN BUS and More...



**NEW** CNT-SCM  
Smart Can Module

### SMART COMMUNICATION

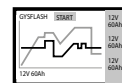
### INCLUDED

#### CNT-SUM

Smart USB Module  
025974

USB micro A  
↳ 6.9 × 6.8 × 2.9 cm / ▲ 85g  
☒ 28.5 × 11 × 11.5 cm / ▲ 380g

#### Computer / Diag System



SMC Cable  
1 m  
056596



**NEW**

#### CNT-SWM

Smart Wireless Module  
070837

Bluetooth Wifi  
COMING SOON  
↳ 6.9 × 6.8 × 2.9 cm / ▲ 85g  
☒ 27.6 × 9.6 × 9.6 cm / ▲ 440g

#### Computer / Diag System



SMC Cable  
1 m  
056596



### LIGHT & SOUND

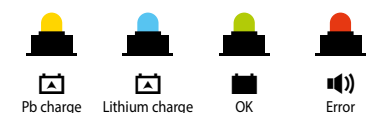
### INCLUDED

#### CNT-SLM

Smart Light Module  
027978



65dB



↳ 12.6 × 14.6 × 9.3 cm / ▲ 560g  
☒ 23 × 17 × 13 cm / ▲ 840g



### PRINT & SCAN

### INCLUDED

#### CNT-SPM

Smart Printer Module  
026919

↳ 14 × 10.5 × 13.3 cm / ▲ 1.4 kg  
☒ 23 × 17 × 13 cm / ▲ 1.9 kg



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



### SMC CABLE

1 m 056596 3 m 025691



YouTube  
PLAYLIST  
CNT TECHNOLOGY

### SMART HUB MODULE

### INCLUDED

#### CNT-SHM

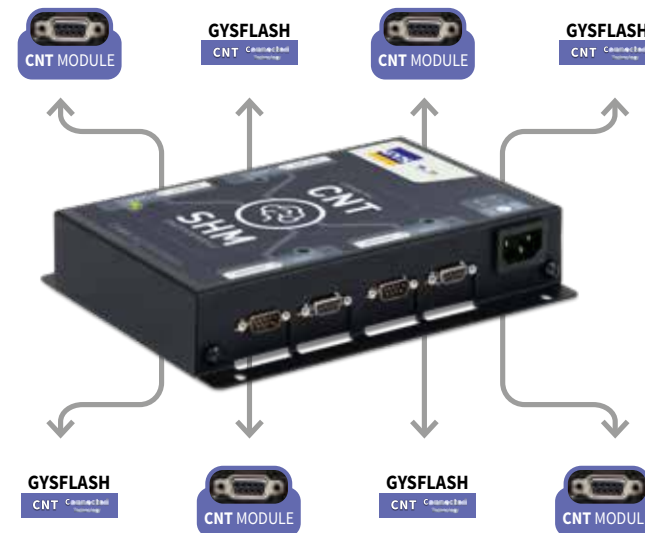
Smart Hub Module  
025981

↳ 22 × 18 × 4.5 cm / ▲ 1 kg  
☒ 16.4 × 13.4 × 24 cm / ▲ 1.7 kg

SMC Cable  
1 m  
056596



#### UP TO 4 MODULES + 4 GYSFLASH



### POWER HUB MODULE

#### CNT-PHM

Power Hub Module  
056589

↳ 31.7 × 24.5 × 9 cm / ▲ 2.7 kg  
☒ 32 × 29 × 13.5 cm / ▲ 3.2 kg

#### 4 GYSFLASH IN

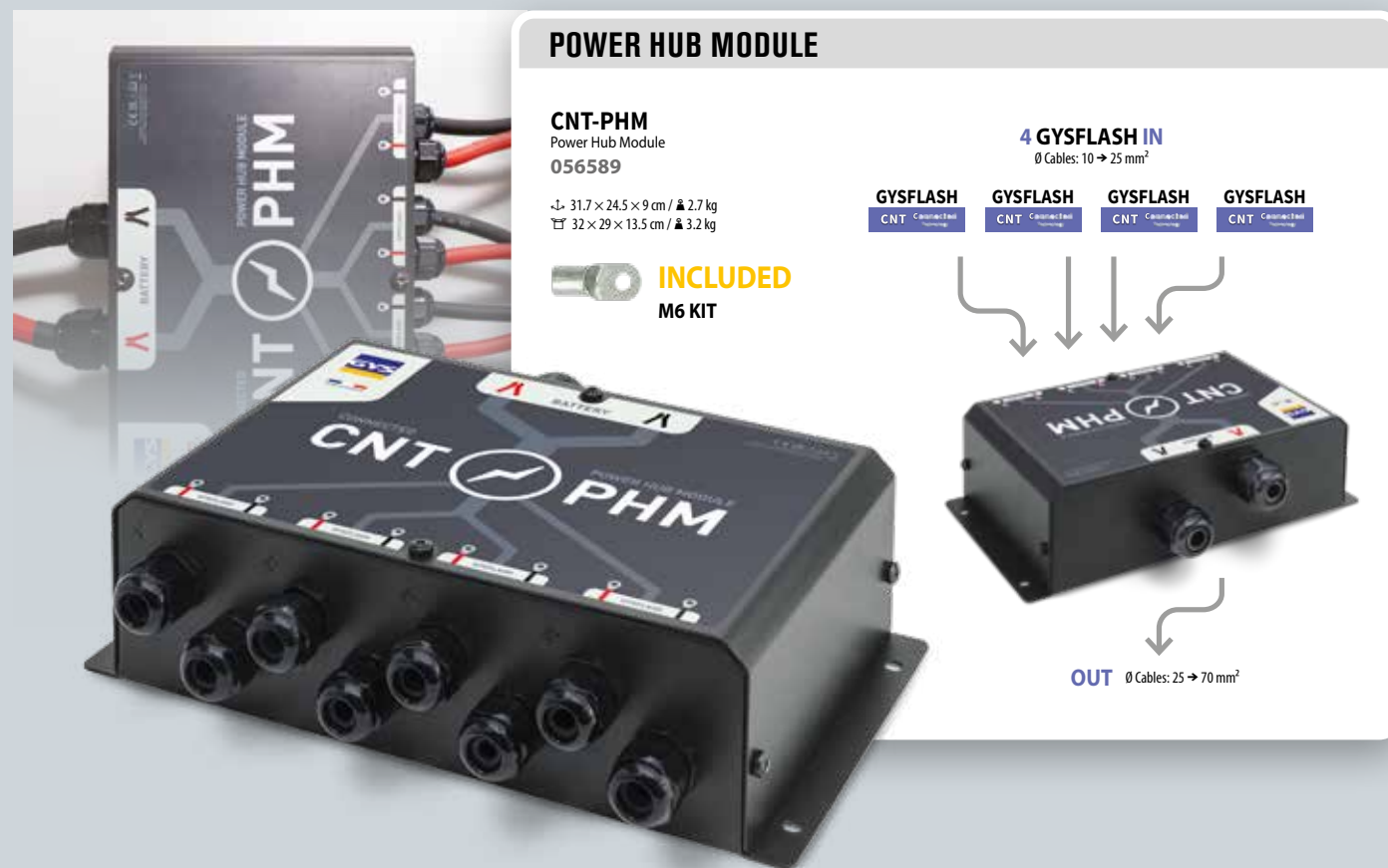
Ø Cables: 10 → 25 mm<sup>2</sup>



**INCLUDED**  
M6 KIT



**OUT** Ø Cables: 25 → 70 mm<sup>2</sup>



Scratch  
fixation



Magnetic  
fixation





CHARGERS

# 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 <sup>2</sup> 056503 5 m - 16 mm <sup>2</sup> 054615 8 m - 16 mm <sup>2</sup> 056572	2.5 m - 16 mm <sup>2</sup> 026810 	5 m - 16 mm <sup>2</sup> 069091	5 m - 16 mm <sup>2</sup> 069107	0.2 m - 16 mm <sup>2</sup> 055902 1 m - 16 mm <sup>2</sup> 028791
30.12 / 50.12 100.12 / 101.12 102.12 / 32-12 PL	✓	✓	—	—	✓
30.24 / 50.24	✓	✓	✓	✓	✓
53.48	✓	✓	✓	✓	—



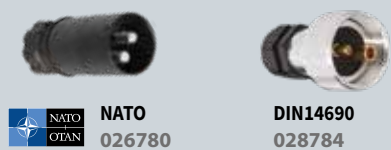
### TEXAS CABLES

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

### PARALLEL CABLES KIT

072954 = Anderson/Cable lugs M6 x2 16 mm<sup>2</sup> 1 m + Cable lugs/Cable lugs M6 x2 (1 red + 1 black) 35 mm<sup>2</sup> 5 m + Texas/Cable lugs M6 x2 25 mm<sup>2</sup> 1 m + M6 KIT Ø16 (x4) Ø25 (x4) Ø35 (x4) + SMC Cable - 1 m

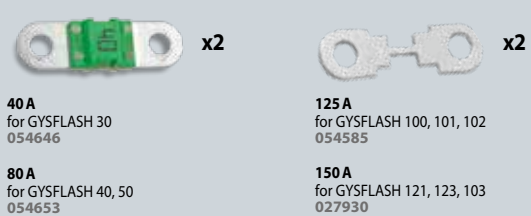
### CONNECTORS



NATO 026780

DIN14690 028784

### INTERNAL FUSES



40 A for GYSFLASH 30 054646

80 A for GYSFLASH 40, 50 054653

125 A for GYSFLASH 100, 101, 102 054585

150 A for GYSFLASH 121, 123, 103 027930

### EXTERNAL FUSES



6.3 A GYSFLASH 30 054578

10 A GYSFLASH 40, 50, 100, 101, 102 056527

### SUPPORTS

Wall support - Tablette Wandhalterung 055513



↓ 21 x 43 x 57 cm / 3.9 kg  
↑ 36 x 43 x 20 cm / 3.3 kg

Heavy-duty case Valise de chantier Hartschalenkoffer 060432



Battery charger Support chargeur Ladeständer 079595

**NEW**



Wall support for GYSFLASH

32.12 PL, 102.12, 123.12, 103.12, 103.24, 15.24 XTREM, 25.48, 53.48

INCLUDED Fixation



OPTION Magnetfix 50 029637



### CONFIGURATION (Trolley - Chariot - Fahrwagen)

▲▲▲ VERTICAL ▲▲▲  
▲▲▲ HORIZONTAL ▼▼▼

**ALL GYSFLASH - COMPATIBILITY -**

Trolley - Chariot Fahrwagen 028890

SLM/SPM support 028906

Cable support 052284

### GYSFLASH CNT PACKS

	101.12 CNT	121.12 CNT	CNT-SPM + roller + support	Barcode Scanner + support	Trolley	CNT SLM	CNT SHM	CNT PHM	Parallel cables kit
pack GYSFLASH CNT 1 068117	✓	—	✓	✓	✓	—	—	—	—
pack GYSFLASH CNT 2 068124	✓	—	✓	✓	✓	—	—	—	—
pack GYSFLASH CNT 3 068131	—	✓	✓	✓	✓	—	—	—	—
pack GYSFLASH CNT 4 068148	—	✓	✓	✓	✓	—	—	—	—
<b>NEW</b> pack GYSFLASH CNT 5 072978	✓ x2	—	✓	✓	✓	✓	✓	✓	✓
<b>NEW</b> pack GYSFLASH CNT 6 074972	✓ x2	—	✓	✓	✓	✓	✓	✓	✓
<b>NEW</b> pack Parallel Charging 072961	—	—	—	—	—	—	✓	✓	✓
<b>NEW</b> pack GYSFLASH PRO 1 079908	—	—	✓	✓	✓	✓	✓	—	—
<b>NEW</b> pack GYSFLASH PRO 2 079915	—	—	✓	✓	✓	✓	✓	—	—













BATIUM



SELF START MEMORY



AUTO DETECT

BATTERY VOLTAGE DETECTION



ALL BATTERIES



Microprocessor Control



On-board electronics  
Over voltage



Reverse polarity  
No sparks



YouTube  
PLAYLIST  
BATIUM

# CHARGERS

AUTOMATIC, SMART & FAST



**BATIUM 7.12**  
**7 A** GO > 2 V  
SSM START STOP V AUTO DETECT

1.5 m - 1.5 mm<sup>2</sup> → 40 A

024496

024557



**BATIUM 15.12**  
**15 A** GO > 0.5V  
SSM START STOP V AUTO DETECT  
SOS RECOVERY

1.5 m - 2.5 mm<sup>2</sup> → 40 A

024519

024632



6/12V IUoU



**BATIUM 7.24**  
**7 A** GO > 2 V  
SSM START STOP V AUTO DETECT

1.5 m - 1.5 mm<sup>2</sup> → 40 A

024502

024625



**BATIUM 15.24**  
**15 A** GO > 0.5V  
SSM START STOP V AUTO DETECT  
SOS RECOVERY

1.5 m - 2.5 mm<sup>2</sup> → 40 A

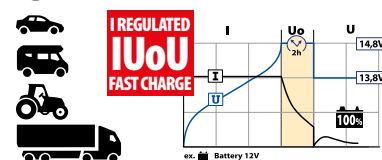
024526

024588

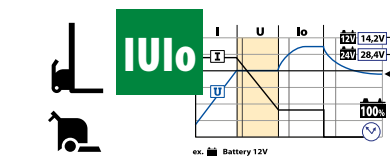


6/12/24V IUoU

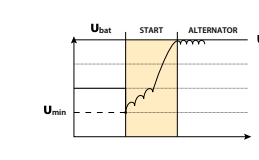
I REGULATED FAST CHARGE



TRACTION BATTERIES CHARGE



TEST



**BATIUM 25.24 X**  
**25 A** GO > 0.5V  
SSM START STOP V AUTO DETECT  
SOS RECOVERY  
2 m - 6 mm<sup>2</sup> → 60 A  
024830

6/12/24V



IUoU

Specific charge  
Traction batteries



Fuse x10

15A  
BATIUM 7/12 & 7/24  
054493

30A  
BATIUM 15/12 & 15/24  
054523

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
BATIUM 7/12	•	•														
BATIUM 7/24	•	•														
BATIUM 15/12	•	•														
BATIUM 15/24	•	•														
BATIUM 25/24 X	•	•														

MADE IN FRANCE

	50/60 Hz	⚡	CHARGE							Fuse	L x W x H cm / kg	SOS RECOVERY	
			Reg	RMS / Efficace	Average / Moyen (EN 60335)			boost					
					Reg 1	Reg 2	Reg 3						
BATIUM 7.12	230V	105W	6/12V	2	11A	3A	—	—	7A	15A	13.5 x 36 x 21 / 4.6	4.6 kg	—
BATIUM 15.12	230V	225W	6/12V	3	22A	7A	10A	—	15A	30A	36.2 x 21.2 x 14 / 5.7	5.6 kg	•
BATIUM 7.24	230V	210W	6/12/24V	2	11A	3A	—	—	7A	15A	34.8 x 21 x 14.1 / 5.4	5.4 kg	—
BATIUM 15.24	230V	450W	6/12/24V	3	22A	7A	10A	—	15A	30A	36.2 x 21 x 14.3 / 7.1	7.1 kg	•
BATIUM 25.24X	230V	1150W	6/12/24V	3	37A	7A	15A	25A	—	—	42 x 28 x 24.5 / 13.5	13.4 kg	•







# CHARGERS & STARTERS

12 - 24 V

## TRADITIONAL

START	40
NEOSTART	41

## AUTOMATIC

STARTIUM	42
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## BATTERY SUPPORT UNIT

DIAGSTARTIUM	43
STARTFLASH	44







CHARGERS & STARTERS  
**AUTOMATIC** IWUoU

- 3 in 1**
- AUTOMATIC CHARGE**  
= BATTUM
  - AUTOMATIC START**
  - TEST ALTERNATOR**

- TIMER**
- UNIVERSAL MODE** **AUTO SELECTION**
- SULFATED BATTERIES**
- START STOP** **ALL BATTERIES**
- GO** >1V
- FULL PROTECTION**
- On-board electronics
  - Over voltage
  - No sparks



NATO OTAN Compatibility p.53

CHARGERS & STARTERS  
**AUTOMATIC & BSU** IWUoU  
BATTERY SUPPORT UNIT

**BSU Battery Support Unit**

POWER SUPPLY **DIAG+ 60A**  
Voltage adjustable 12 V · 15 V

**BATTERY EXPERT**



Model	Current (A)	12/24V
STARTIUM 330E	25 A	12/24V
STARTIUM 480E	40 A	12/24V
STARTIUM 680E	45 A	12/24V
STARTIUM 980E	50 A	12/24V
DIAG STARTIUM 60-12	60 A	12V
DIAG STARTIUM 60-24	60 A	12/24V

Model	Voltage	I <sub>1</sub>	I <sub>2</sub>	I <sub>3</sub>	CHARGE				START			BSU	FUSE	LxWxH cm / kg	CCA I(EN) START				
					min > max	RMS / Efficace	Average / Moyen (EN 60335)	Reg	Boost	Automatic	1V/C					0V/C	AUTO START		
STARTIUM 330E	230V	16A	0,8	6,5	12V	20 > 370 Ah	40 A	25 A	4	—	•	12V	165 A	270 A	—	100 A	26 x 26 x 47 / 15.5	28 x 28 x 47 / 16	500 A
					24V	20 > 300 Ah						24V	130 A	210 A					
STARTIUM 480E	230V	16A	1,7	9	12V	20 > 600 Ah	65 A	30 A	4	40 A	•	12V	280 A	390 A	—	200 A	34 x 30 x 64 / 20.5	64 x 37 x 31 / 29	750 A
					24V	20 > 450 Ah						24V	210 A	290 A					
STARTIUM 680E	230V	16A	2	10	12V	20 > 675 Ah	75 A	30 A	4	45 A	•	12V	380 A	550 A	—	200 A	34 x 30 x 64 / 20.5	65 x 37 x 31 / 31	900 A
					24V	20 > 525 Ah						24V	270 A	380 A					
STARTIUM 980E	230V	16A	2	12	12V	20 > 750 Ah	80 A	40 A	4	50 A	•	12V	500 A	720 A	—	250 A	34 x 30 x 80 / 30	65 x 37 x 32 / 36	1400 A
					24V	20 > 525 Ah						24V	400 A	560 A					
DIAG STARTIUM 60-12	230V	16A	2	10	12V	20 > 900 Ah	95 A	60 A	4	—	•	12V	310 A	440 A	•	200 A	35 x 35 x 72 / 30.5	80 x 37 x 35 / 36	900 A
					6V	20 > 900 Ah						6V	—	—					
DIAG STARTIUM 60-24	230V	16A	2	10	12V	20 > 900 Ah	95 A	60 A	4	—	•	12V	300 A	430 A	•	200 A	35 x 35 x 72 / 30.5	80 x 37 x 35 / 36	900 A
					24V	20 > 525 Ah						24V	280 A	410 A					
					6V	20 > 900 Ah						6V	—	—					

**Fuse x2**

- 100 A Startium 330E 054394
- 200 A Startium 480E, 680E, Diag. 60-12, 60-24 054547
- 250 A 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

Model	6V	12V	24V	40 Ah	80 Ah	90 Ah	110 Ah	120 Ah	180 Ah	240 Ah	300 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 & STARTERS

# AUTOMATIC & BSU

CNT Connected Technology

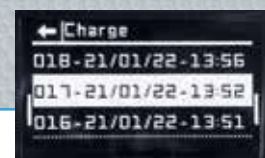
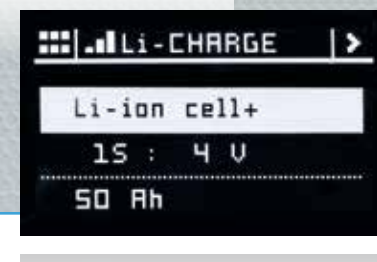
BATTERY SUPPORT UNIT

SPECIAL PROJECTS

Contact us for special projects.  
Quick Customization:  
Modes, Curves, parameters...

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



## 4 in 1

### AUTOMATIC CHARGE

Pb AUTOMOTIVE

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

Pb TRACTION

- ✓ GEL
- ✓ LIQUID

LITHIUM READY

- ✓ LFP/LiFePO<sub>4</sub>
- ✓ LI-ION STD
- ✓ LFP CELL+
- ✓ LI-ION CELL+

### BSU

DIAG +



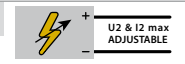
SHOWROOM



CHANGE BATTERY



POWER SUPPLY



### AUTOMATIC STARTER

✓ START

### TEST

- ✓ VOLTAGE
- ✓ START UP
- ✓ ALTERNATOR

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

1 WORLD PREMIERE

## NEW



### 6/12/24V

### STARTFLASH 120.24 CNT

## 2 > 300 A

5 m - 35 mm<sup>2</sup> > 700 A  
073616

OPTION



Trolley  
074965



Texas/Clamps  
2.5 m - 25 mm<sup>2</sup> 028876  
5 m - 25 mm<sup>2</sup> 027886



Texas/Rema 160 A  
5 m - 16 mm<sup>2</sup> 025714



Texas/Anderson 175 A  
5 m - 25 mm<sup>2</sup> 025721



Texas/NATO  
5 m - 25 mm<sup>2</sup> 025707  
10 m - 25 mm<sup>2</sup> 056626

CNT Connected Technology

SOFTWARE UPDATE



UPDATE STARTFLASH EVOLUTIONS

CUSTOMIZATION



UPDATE CUSTOM CONFIGURATION

CNT MANAGER  
• STARTFLASH parameters  
• Custom curves  
• Multi products management  
• Import/export configurations  
...

TRACEABILITY

EXPORT DATA CAPABILITIES



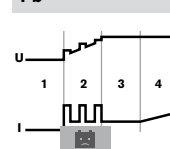
DATA  
Start date  
Curve name  
Rated voltage  
Battery capacity  
Initial battery state  
Charge duration  
Total duration  
Final battery state  
Identification and more ...

Connected Modules & Technology p.26



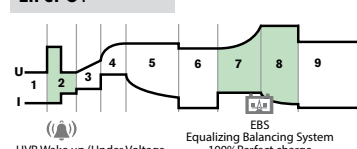
### SMART 9 STEP

Pb



- Status analysis
- Recovery
- Sulfation test
- Desulfation
- Fast charge 80%
- Absorption
- Test Absorption
- Refresh
- Floating 100%

LiFePO<sub>4</sub>



- Status analysis
- UVP Wake Up
- Recovery
- Fast charge 90%
- Absorption 95%
- Test
- Completion
- Equalization
- Floating 100%

UVP Wake up (Under Voltage Protection), Battery reactivation when in UVP protection  
EBS Equalizing Balancing System 100% Perfect charge



STARTFLASH 120	50/60 Hz	6/12/24V	3500W	START MINI	CHARGE			TRACTION BATTERIES	START			IP	LxWxH cm / kg	LxWxH cm / kg	
					I <sub>max</sub>	25°C @100%	40°C @100%		1V/C	0V/C	AUTO START				
STARTFLASH 120.24 CNT	85 > 265V	6/12/24V	3500W	2V	110V : 100 A	75 A	55 A	•	6/12/24V	150 A	150 A	•	20	49 x 37.5 x 30.5 / 14	41.5 x 32.5 x 25.5 / 18.5
					230V : 120 A	110 A	90 A		6V :	300 A	300 A				
									12V :	300 A	300 A				
								24V :	200 A	300 A					





# BOOSTERS

6 - 12 - 24 V

## Pb inside

GYSPACK	48
STARTPACK	52
ENERGYSTATION	55

## LITHIUM inside

NOMAD POWER	58
-------------	----

## SUPER CAPACITOR inside

STARTRONIC	60
GYSCAP	61





GYSPACK

BOOSTERS

Pb/LEAD  INSIDE

 POWER SUPPLY  
12V DC

 COMPRESSOR



Air Kit  
Included  
4bars



12V = 6 C\*

24V = 12 C\*  
6 C\* + 6 C\*

\*C = cells, cellules

HERITAGE  
6/12 V



49

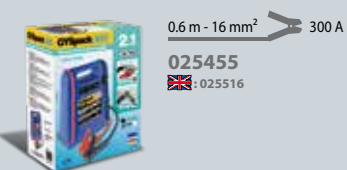
GYSPACK

BOOSTERS • Pb INSIDE



12 V 18 Ah  INSIDE  
HOBBIES OCCASIONAL  PRO INTENSIVE 

GYSPACK 400  
1 250 A 480 A  
1V/C



GYSPACK AIR  
1 250 A 480 A  
1V/C



12 V 22 Ah  INSIDE  
HOBBIES OCCASIONAL  PRO INTENSIVE 

GYSPACK 600  
1 750 A 550 A  
1V/C



GYSPACK PRO  
1 750 A 600 A  
1V/C



6 / 12 V 20 Ah + 20 Ah  INSIDE  
HOBBIES OCCASIONAL  PRO INTENSIVE 

GYSPACK HERITAGE 6/12  
6V 3 200 A 400 A  
1V/C  
12V 1 600 A 450 A  
1V/C

1.8 m - 25 mm<sup>2</sup> → 600 A  
025844



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

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



INCLUDED GYSPACK Heritage

INCLUDED GYSPACK 400 / AIR / 600 / PRO



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	Power Supply	EXTERNAL Charge 230V	TEST OK	LxWxH cm / kg	LxWxH cm / kg	
GYSPACK 400	12V-18 Ah	12V	480 A	900 A	1250 A	—	—	12V DC/0,5A	12V DC/1,2A	•	26 x 13 x 29,5 / 6,4	28,5 x 16 x 34 / 7,2
GYSPACK AIR	12V-18 Ah	12V	480 A	900 A	1250 A	•	•	12V DC/0,5A	12V DC/1,2A	•	33 x 17 x 37 / 8,5	38,5 x 22 x 44 / 9,4
GYSPACK 600	12V-22 Ah	12V	550 A	1050 A	1750 A	—	—	12V DC	12V DC/1,2A	•	25,5 x 14 x 29,5 / 7,5	29,5 x 16 x 35,5 / 8,2
GYSPACK PRO	12V-22 Ah	12V	600 A	1100 A	1750 A	•	•	12V DC	12V DC/1,2A	•	35 x 14 x 37 / 9	39 x 17 x 45 / 9,5
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	•	36 x 11 x 45 / 13	39 x 22 x 51 / 14

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	•															
GYSPACK AIR	•															
GYSPACK 600	•															
GYSPACK PRO	•															
GYSPACK HERITAGE	•	•														



# BOOSTERS Pb/LEAD INSIDE

**POWER SUPPLY  
12V DC**



**12 V** **28 Ah** INSIDE HOBBIES OCCASIONAL PRO INTENSIVE

**GYSPACK 660**  
**1 900 A** **640 A**  
 1.3 m - 25 mm<sup>2</sup> → 600 A  
 027862  
 027992

INCLUDED GYSPACK 660

**CHARGER**  
 Power in 100-240 V/out 12 V  
 50/60 Hz  
 027992  
 025929

**12 V** **28 Ah** INSIDE HOBBIES OCCASIONAL PRO INTENSIVE

**GYSPACK 750**  
**2 500 A** **750 A**  
 1.3 m - 25 mm<sup>2</sup> → 600 A  
 026179  
 026353

INCLUDED GYSPACK 750

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

**12 V** **28 Ah** INSIDE HOBBIES OCCASIONAL PRO INTENSIVE

**GYSPACK PRO 800**  
**2 500 A** **700 A**  
 1.8 m - 25 mm<sup>2</sup> → 600 A  
 068759  
 072107

INCLUDED GYSPACK PRO 800

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



**12 V** **16 Ah** INSIDE HOBBIES OCCASIONAL PRO INTENSIVE

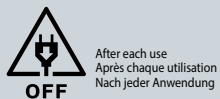
**GYSPACK PRO 700**  
**1 800 A** **640 A**  
 1.4 m - 25 mm<sup>2</sup> → 600 A  
 027077  
 027947

**INTEGRATED CHARGER**  
**7 STEP**

**12 V** **30 Ah** INSIDE HOBBIES OCCASIONAL PRO INTENSIVE

**GYSPACK PRO 900**  
**3 100 A** **830 A**  
 1.8 m - 35 mm<sup>2</sup> → 600 A  
 027084  
 027954

**INTEGRATED CHARGER**  
**7 STEP**



DESIGN GYS FRANCE

MADE IN GYS CHINA

MADE IN FRANCE

Model	Capacity	Voltage	START			CHARGER INSIDE	EXTERNAL Charge 230V	Protection		Power out		Fuse	Fuse	LxWxH cm	LxWxH cm / kg
			1V/C	Cranking CC	Peak Battery			ON/OFF	Memory	12V DC	12V DC				
GYSPACK 660	28 Ah	12V	640 A	1200 A	1900 A	•	110-240V	•	•	12V DC	—	1 × 200 A	35 x 19 x 40	39 x 23 x 45 / 13.5	
GYSPACK 750	28 Ah	12V	750 A	1450 A	2500 A	•	110-240V	•	•	12V DC	—	2 × 200 A	35 x 19 x 40	39 x 23 x 45 / 13.5	
GYSPACK PRO 800	28 Ah	12V	700 A	1320 A	2500 A	•	110-240V	•	•	12V DC	10 A	2 × 200 A	31 x 19 x 35	32 x 23 x 37 / 18.4	
GYSPACK PRO 700	16 Ah	12V	640 A	1200 A	1800 A	•	220-240V	•	•	12V DC	10 A	1 × 200 A	33 x 15 x 32	35 x 24 x 36 / 12	
GYSPACK PRO 900	30 Ah	12V	830 A	1700 A	3100 A	•	220-240V	•	•	12V DC	10 A	1 × 300 A	33 x 15 x 32	35 x 24 x 36 / 16	

RECOMMENDATION	Capacity															
	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 660	•	•	•													
GYSPACK 750	•	•	•													
GYSPACK PRO 800	•	•	•													
GYSPACK PRO 700	•	•	•													
GYSPACK PRO 900	•	•	•													

**GYSPACK BOOSTERS • Pb/LEAD INSIDE**



# BOOSTERS Pb/LEAD INSIDE

**+** POWER SUPPLY  
12V DC



12/24 V

22 Ah + 22 Ah

INSIDE

OCCASIONAL PRO INTENSIVE

### STARTPACK TRUCK

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



1.8 m - 25 mm<sup>2</sup> 600 A 025448  
026339

### STARTPACK TRUCK MOBILE

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

1.8 m - 25 mm<sup>2</sup> 600 A 026025  
028807

INCLUDED STARTPACK TRUCK & TRUCK MOBILE



After each use  
Après chaque utilisation  
Nach jeder Anwendung

#### CHARGER

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



**OPTION**  
MEMORY AUTO SAVE  
CABLE OBD 1,5 m  
054202  
Fuse 7,5 A



DESIGN GYS FRANCE

MADE IN GYS CHINA

MADE IN FRANCE

Model	Inside	START			TEST	OK	50 / 60 Hz	CHARGER INSIDE	EXTERNAL Charge 230V	Protection		Power out		LxWxH cm	LxWxH cm / kg
		1V/C	Cranking CC	Peak Battery						ON/OFF	Memory	Fuse	Fuse		
STARTPACK TRUCK / TRUCK MOBILE	2x 22 Ah	12V	750 A	1450 A	3200 A	•	110-240 V	—	12V/2A DC	•	•	12V DC	—	1x300 A	37 x 20 x 46 / 39 x 22 x 50 / 18
		24V	650 A	1300 A	1600 A	•	220-240 V	4 A	—	•	•	12V DC	—	1x300 A	37 x 20 x 57 / 39 x 24 x 60 / 21
STARTPACK 12.24 CI	2x 16 Ah	12V	900 A	1700 A	3600 A	—	220-240 V	4 A	—	•	•	—	—	1x300 A	26 x 20 x 48 / 34 x 20 x 51 / 19
		24V	700 A	1350 A	1800 A	—	220-240 V	4 A	—	•	•	—	—	1x300 A	26 x 20 x 48 / 34 x 20 x 51 / 19
STARTPACK PRO 12.24 CI	2x 30 Ah	12V	1300 A	2400 A	6200 A	—	220-240 V	4 A	—	•	•	—	—	1x300 A	14 x 35 x 56 / 63 x 39 x 30 / 34
		24V	1200 A	2250 A	3100 A	—	220-240 V	4 A	—	•	•	—	—	1x300 A	14 x 35 x 56 / 63 x 39 x 30 / 34



New handle design

**EnerSys**  
**TPPL**  
TECHNOLOGY  
Thin Plate  
Pure Lead  
**PREMIUM QUALITY BATTERIES**



12/24 V

16 Ah + 16 Ah

INSIDE

OCCASIONAL PRO INTENSIVE

### STARTPACK 12.24 CI

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

1.8 m - 35 mm<sup>2</sup> 600 A 024991  
068155

12/24 V

30 Ah + 30 Ah

INSIDE

OCCASIONAL PRO INTENSIVE

### STARTPACK PRO 12.24 CI

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

2 m - 50 mm<sup>2</sup> 600 A 028920  
068162

INCLUDED STARTPACK 12.24 & PRO 12.24

**Fuse x2**  
200 A 054547  
300 A 054561



**INTEGRATED CHARGER**  
**7 STEP**



Après chaque utilisation  
After each use  
Nach jeder Anwendung

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	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	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			
STARTPACK TRUCK	•														•														•													
STARTPACK TRUCK MOBILE	•														•														•													
STARTPACK 12.24 CI	•														•														•													
STARTPACK PRO 12.24 CI	•														•														•													





# STARTPACK

## BOOSTERS

# Pb/LEAD

INSIDE



### SMART STARTER MANAGEMENT SYSTEM

- FULL PROTECTION**
  - On-board electronics
  - Reverse polarity
  - Over voltage
  - No sparks

- AUTO DETECT**
  - Battery voltage detection
  - Microprocessor Control
  - TIMER Adjustable



**INCLUDED** GYSFLASH XL 6.12 1.9m

**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

2m - 70 mm<sup>2</sup> 1000 A 026711

**OPTION**

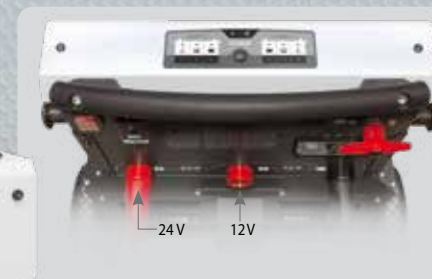
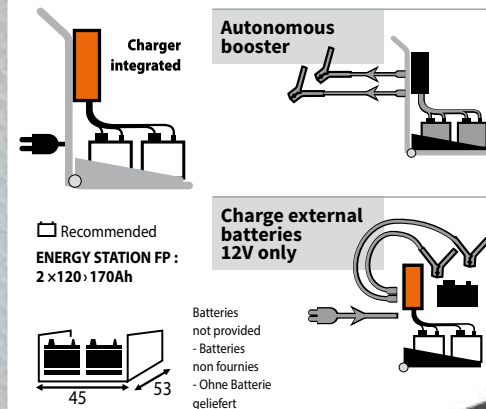
STANDARD CABLES 1000 A - 70 mm<sup>2</sup> - 4 m 026827

NATO CABLES 3 m - 50 mm<sup>2</sup> 072589

NATO CONNECTOR 026780

NATO ID / NCAGE : F8154 CG730

# ENERGY STATION



- FULL PROTECTION**
- On-board electronics
  - Over voltage
  - No sparks
  - Reverse polarity

**12/24 V** HOBBIES OCCASIONAL **PRO INTENSIVE +++**

**ENERGY STATION FP** 069589

**INTEGRATED CHARGER** 6 STEP

Model	Inside	START			CHARGE		CHARGER	Protection			LxWxH cm	LxWxH cm / kg		
		1V/C	Cranking CC	Peak Battery	min	max		ON/OFF	Fuse					
STARTPACK PRO 12.24 XL	2x 50 Ah	12 V	1 600 A	3 000 A	8 500 A	-	-	6 A outside	automatic	•	300 A	2 m ø 70 mm <sup>2</sup>	106 x 32 x 35	112 x 35 x 43 / 68
		24 V	1 400 A	2 600 A	4 250 A	-	-	30 A inside	manual	•	300 A	2,5 m ø 50 mm <sup>2</sup>	70 x 65 x 91	80 x 53 x 28 / 29
ENERGY STATION FP		according to battery / selon batteries / je nach Batterie (Pb only)			12/24 V	100 > 375 Ah (x2)	•	30 A inside	manual	•	300 A	2,5 m ø 50 mm <sup>2</sup>	70 x 65 x 91	80 x 53 x 28 / 29

**RECOMMENDATION**

Model	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
STARTPACK PRO 12.24 XL	•	•													
ENERGY STATION FP	-	-													





# SELECT THE RIGHT BOOSTER

## CHOISISSEZ VOTRE BOOSTER • WÄHLEN SIE IHREN BOOSTER AUS

		12 V									12-24 V				ENERGY STATION FP	
		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
START	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)	
	CC	450 (12 V)										650 (24 V)	700 A (24 V)	1200 A (24 V)	1400 A (24 V)	
	PEAK	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)	
		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 x 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 x 22 Ah	2 x 16 Ah <i>EnerSys</i>	2 x 30 Ah <i>EnerSys</i>	2 x 50 Ah <i>EXIDE TECHNOLOGIES</i>	
SPIRAL TECHNOLOGY																
		outside 2 A	outside 0,5 A	outside 0,5 A	outside 0,5 A	outside 0,5 A	inside 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
		IUoU	WU	WU	WU	WU	IUoU	7 step	IUoU	IUoU	7 step	IUoU	7 step	7 step	7 step	6 step
		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 mm <sup>2</sup>	0,6 m ø16 mm <sup>2</sup>	1,1 m ø25 mm <sup>2</sup>	0,6 m ø16 mm <sup>2</sup>	1,1 m ø25 mm <sup>2</sup>	1,3 m ø25 mm <sup>2</sup>	1,4 m ø25 mm <sup>2</sup>	1,3 m ø25 mm <sup>2</sup>	1,8 m ø25 mm <sup>2</sup>	1,8 m ø35 mm <sup>2</sup>	1,8 m ø35 mm <sup>2</sup>	2 m ø50 mm <sup>2</sup>	2 m ø70 mm <sup>2</sup>		2,5 m ø50 mm <sup>2</sup>
		37x20x46	26x10x29	33x17x37	26x10x29	35x14x37	35x19x40	33x15x32	35x19x40	31x19x35	33x15x32	37x20x46/37x20x57	34x18x46	63x39x30	112x35x43	70x65x91
		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 +

★ **MINI PRO**

★★★ **PRO**

★★★★★ **UNIVERSAL PRO**

**ATTENTION HORS UTILISATION**  
Laisser le chargeur branché en permanence.

**ACHTUNG WENN NICHT IN GEBRAUCH**  
Ladegerät dauernd angeschlossen lassen.

**ATTENTION CUANDO ESTA APAGADO**  
Dejar el cargador conectado permanentemente.

**OPGELET BUITEN GEBRUIK**  
Laat de lader onafgebroken aangesloten.

**OFF**  
After each use  
Après chaque utilisation  
Nach jeder Anwendung

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

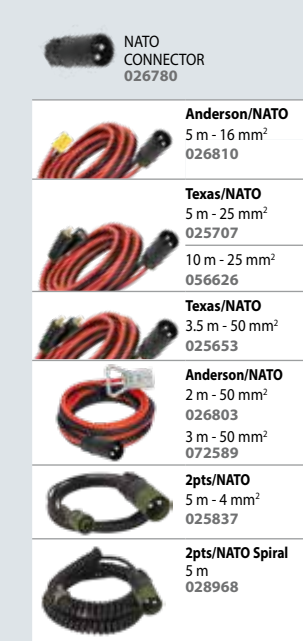


### NATO / OTAN : PRODUITS COMPATIBLES

- Compatible Products - Kompatible Produkte



NATO ID / NCAGE : F8154 CG730



	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 mm <sup>2</sup> 026810	✓	—	—	✓	—	—	—
Texas/NATO 5 m - 25 mm <sup>2</sup> 025707	—	✓	✓	—	—	—	—
Texas/NATO 10 m - 25 mm <sup>2</sup> 056626	—	—	—	—	—	—	—
Texas/NATO 3.5 m - 50 mm <sup>2</sup> 025653	—	—	—	—	—	✓	—
Anderson/NATO 2 m - 50 mm <sup>2</sup> 026803	—	—	—	—	—	—	✓
Anderson/NATO 3 m - 50 mm <sup>2</sup> 072589	—	—	—	—	—	—	—
2pts/NATO 5 m - 4 mm <sup>2</sup> 025837	—	—	—	—	✓	—	—
2pts/NATO Spiral 5 m 028968	—	—	—	—	✓	—	—

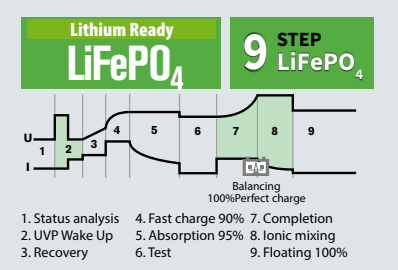
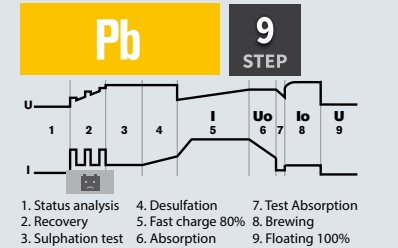


### BATTERIES DE TRACTION : PRODUITS COMPATIBLES

Compatible Products - Kompatible Produkte



	TYPE	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	liquid 75 Ah	90 Ah	120 Ah	125 Ah	130 Ah	140 Ah	155 Ah	165 Ah	180 Ah	25 A
	GYSFLASH 30.24 HF	liquid —	—	—	75 Ah	85 Ah	105 Ah	125 Ah	145 Ah	175 Ah	15 A
	GYSFLASH 50.24 HF	liquid —	—	—	250 Ah	290 Ah	350 Ah	410 Ah	480 Ah	550 Ah	50 A
	GYSFLASH 51.12	liquid 130 Ah	150 Ah	180 Ah	210 Ah	240 Ah	270 Ah	310 Ah	350 Ah	390 Ah	25 A
	GYSFLASH 101.24	liquid 390 Ah	470 Ah	550 Ah	630 Ah	720 Ah	820 Ah	930 Ah	1050 Ah	1200 Ah	100 A
	GYSFLASH 103.24	liquid 490 Ah	580 Ah	680 Ah	790 Ah	900 Ah	1020 Ah	1160 Ah	1310 Ah	1500 Ah	100 A
36 / 48 V	GYSFLASH 25.48	liquid 130 Ah	150 Ah	180 Ah	210 Ah	240 Ah	270 Ah	310 Ah	350 Ah	390 Ah	25 A
	GYSFLASH 51.48	liquid 260 Ah	310 Ah	360 Ah	420 Ah	480 Ah	540 Ah	610 Ah	690 Ah	790 Ah	50 A
	GYSFLASH 53.48	liquid —	—	—	260 Ah	300 Ah	330 Ah	370 Ah	400 Ah	440 Ah	470 Ah



100 A		Cables Anderson 175A/Texas	5 m - 25 mm <sup>2</sup> 025721
100 A		Cables REMA 160A/Texas	5 m - 25 mm <sup>2</sup> 025714
15 A		Cables REMA 160A/Anderson	5 m - 16 mm <sup>2</sup> 069091
50 A		Cables Anderson 175A/Anderson	5 m - 16 mm <sup>2</sup> 069107

NATO COMPATIBILITY





# BOOSTERS LITHIUM INSIDE

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



4700 Pa



- ▶ START ENGINE
- + POWER BANK
- + LIGHT

PRO XL  
★★★★

PRO  
★★★

PRO  
★★★



## 12V

### NOMAD POWER VAC 350

400 A

0,26 m - 5,26 mm<sup>2</sup> → AWG10  
028937



ACCESSORIES  
included for NOMAD POWER VAC 350

SMART CABLE  
MULTI SECURITIES



### NOMAD POWER 300

350 A

0,28 m - 5,2 mm<sup>2</sup> → AWG10  
025875



ACCESSORIES  
included for NOMAD POWER 300



### NOMAD POWER 400

500 A

0,28 m - 5,2 mm<sup>2</sup> → AWG10  
025882



ACCESSORIES  
included for NOMAD POWER 400



### NOMAD POWER 500

550 A

0,4 m - 8,3 mm<sup>2</sup> → AWG8  
027145  
069633



ACCESSORIES  
included for NOMAD POWER 500



### NOMAD POWER PRO 700

600 A

0,26 m - 8,3 mm<sup>2</sup> → AWG8  
027510  
028838



ACCESSORIES  
included for NOMAD POWER PRO 700



### NOMAD POWER PRO TRUCK

600 A

0,55 m - 13,3 mm<sup>2</sup> → AWG6  
027527  
028845



ACCESSORIES  
included for NOMAD POWER 500



## 12 V

### NOMAD POWER PRO 12 XL

1000 A

0,8 m - 21 mm<sup>2</sup> → AWG4  
025912



## 24 V

### NOMAD POWER PRO 24 XL

1400 A

0,8 m - 21 mm<sup>2</sup> → AWG4  
025905



ACCESSORIES  
included for

NOMAD POWER PRO 12 XL  
NOMAD POWER PRO 24 XL



	LITHIUM		I			J (3s)	START PETROL & DIESEL	CABLE	MULTI SECURITIES	INPUT	MICRO USB	OUTPUT	POWER BANK			cm	kg	
	CAPACITY/CELL	TYPE	FULL CHARGE	Start (6V)	Cranking CC								Peak Battery	PHONE	TABLET			OB
NP VAC 350	2.5 Ah - 37 Wh	NMC	5 h	400 A	800 A	1000 A	9000 J	12V	5V-2A	•	5V/2 A	5V/2 A (Type C)	5V/2 A	•	2	—	27.2 × 0.65	0.48
NP 300	2.5 Ah - 37 Wh	NMC	5 h	350 A	700 A	900 A	8000 J	12V	12V 5V-2.1 A	•	5V/2 A	—	5V/9V/12V - 5V/2 A	•	2	—	14.6 × 7.8 × 3.1	0.365
NP 400	3 Ah - 45 Wh	NMC	5 h	500 A	1000 A	1200 A	11000 J	12V	12V 5V-2.1 A	•	5V/2 A	—	5V/9V/12V - 5V/2 A - 15V/5A	•	2	—	17.5 × 8.4 × 3.1	0.498
NP 500	5.25 Ah - 77.7 Wh	NMC	6 h	550 A	1300 A	1500 A	12000 J	12V	12V 5V-2A	•	5V/2 A 9V/2 A	—	5V/1A - 5V/2.1 A	•	2	—	22.5 × 9.1 × 3.4	0.610
NP PRO 700	6 Ah - 92.5 Wh	NMC	9 h	600 A	1500 A	2000 A	14000 J	12V	—	•	9V/2 A 12V/1.5 A	5V/2 A (Type C)	5V/2.4 A - 9V/2 A 12V/1.5 A - 15V/10 A	•	2	—	22.8 × 10 × 3.8	0.82
NP PRO TRUCK	5.3 Ah - 137 Wh	NMC	10 h	600 A	1500 A	2000 A	12V : 14000 J 24V : 35000 J	12V/24V	—	•	9 V/2 A 12V/1.5 A	5V/2 A (Type C)	5V/1 A - 5V/2.1 A - 12V/10 A	•	2	•	24.8 × 24.8 × 9.6	2.4
NP PRO 12XL	8 Ah - 118.4 Wh	NMC	5 h	1000 A	1800 A	3000 A	22000 J	12V	12V/15 A 4 A	—	18V/2 A	—	5V/2.1 A - 12V/3.5 A 12V/10 A - 19V/3.5 A	•	2	•	27.4 × 27.8 × 11	5.6
NP PRO 24XL	8 Ah - 236.8 Wh	NMC	10 h	1400 A	2400 A	3000 A	60000 J	24V	12V/15 A 4 A	—	18V/2 A	—	5V/2.1 A - 12V/3.5 A 12V/10 A - 19V/3.5 A	•	2	•	27.4 × 27.8 × 11	5.6

Recommendation	Motorcycle	Car	Van	Truck	Bus	Tractor	Excavator	Generator	Other
NP VAC 350	•	•	•	•	•	•	•	•	•
NP 300	•	•	•	•	•	•	•	•	•
NP 400	•	•	•	•	•	•	•	•	•
NP 500	•	•	•	•	•	•	•	•	•
NP 700	•	•	•	•	•	•	•	•	•
NP PRO TRUCK	•	•	•	•	•	•	•	•	•
NP PRO 12XL	•	•	•	•	•	•	•	•	•
NP PRO 24XL	•	•	•	•	•	•	•	•	•

Max capability ( minimum charge needed )





BOOSTERS

# SUPER CAPACITOR

INSIDE

BATTERYLESS - SANS BATTERIE  
- 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!



-40/+65°C

STARTRONIC 800

**800 A** 12V GO > 5V

026735



5x 800 F INSIDE

#### INCLUDED

CIGARETTE LIGHTER for Easy charge  
STARTRONIC 800 & HYBRID 950  
027404



STARTRONIC HYBRID 950

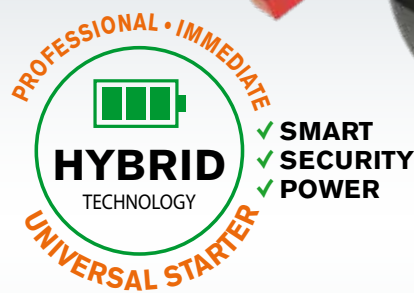
### SUPERCAPACITORS + LITHIUM

**950 A** 12V GO > 1V

026117



Digital control



SMART SECURITY POWER

5x 950 F + Lithium INSIDE

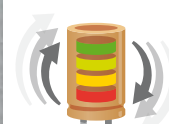
INCLUDED STARTRONIC HYBRID 950

Lithium battery

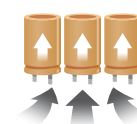


027411

### SUPERCAPACITORS



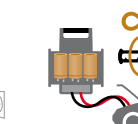
1 MILLION CYCLES



ULTRA FAST CHARGE



NO CHARGE STORAGE



UNLIMITED STARTS

### SMART STARTER



FULL PROTECTION

-40/+65°C



12V

5x 3000 F INSIDE

GYSCAP 680E

**1600 A** 12V GO > 1V

026773

1.7 m - 25 mm<sup>2</sup>  
Cables 100% Cu



Homologations / Approvals / Zulassungen:  
PSA17.1716



24V

10x 3000 F INSIDE

GYSCAP 24V

**2500 A** 24V GO > 2V

028944

2 m - 50 mm<sup>2</sup>  
Cables 100% Cu

INCLUDED

CIGARETTE LIGHTER for Easy charge

1.5 m



12V

GYSCAP 680E / GYSCAP 24V

OPTION

GYSLASH 4.12

p.6



F5

p.14



GYSCAP 680E / GYSCAP 24V

MADE IN CHINA

MADE IN FRANCE

	I			Number of Capacitors	Integrated Inverter	INPUT CHARGE				Charging time	MICRO USB Type B	internal lithium battery	cm	kg	
	1V/C	START ICC	Peak			12V OFF	12V ON	12V / 10 A OFF	12V / 10 A ON						5V / 2 A
STARTRONIC 800	800 A	1 400 A	-	12V	5 x 800 F	•	4 min	60 s	4 min	4 min	5 V/2 A	40 min	-	26,7 x 19,5 x 5	1,86
STARTRONIC HYBRID 950	950 A	1 660 A	-	12V	5 x 950 F	•	4 min	60 s	4 min	4 min	5 V/2 A	40 min	30 min	25 x 18,5 x 6	1,86
GYSCAP 680E	1 600 A	2 700 A	9 000 A	12V	5 x 3000 F	•	15 min	2 min	15 min	15 min	-	-	-	35 x 44 x 19	8,2
GYSCAP 24V	2 500 A	4 500 A	10 000 A	24V	10 x 3000 F	•	15 min	2 min	30 min	30 min	-	-	-	32 x 49 x 21,5	12



Recommendation

STARTRONIC 800

STARTRONIC HYBRID 950

GYSCAP 680 E

GYSCAP 24V



5 < 90 Ah

5 < 100 Ah

5 < 150 Ah

225 Ah







# BATTERY TESTERS POWER INVERTER PORTABLE ENERGY

TRADITIONAL TESTERS	64
DIGITAL TESTERS	64
TESTERS & PRINTER	66

POWER INVERTER	68
PORTABLE ENERGY	70





# TESTERS TRADITIONAL



# TESTERS DIGITAL

x4 Languages Sprachen

x13 Languages Sprachen



Download on the App Store

GET IT ON Google Play

Download on the App Store

GET IT ON Google Play



Wireless battery monitor  
Indicateur de charge sans fil

BTW 6V/12V

NEW

024212

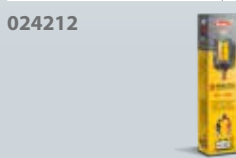
077355

12/24 V 7 > 240 Ah

6/12 V 7 > 240 Ah

ALTERNATOR 12/24 V

START STOP



TBP 100

6/12 V 20 > 100 Ah

055131



TBP 500

12 V 10 > 160 Ah

055148



BT 001

12 V 7 > 230 Ah

056640



NBT 100

12 V 20 > 150 Ah

024151



NBT 200

12 V 20 > 150 Ah

024168



x1 Languages Sprachen



DBT 300

12 V 4 > 150 Ah

ALTERNATOR 12 V

024175



x10 Languages Sprachen



DBT 350

12 V 7 > 240 Ah

ALTERNATOR 12/24 V

025868



x12 Languages Sprachen

NEW 07 2023



DBT 500

6/12 V 7 > 240 Ah

ALTERNATOR 12/24 V

079823



## COLOR SCREEN

ALTERNATOR

CAR & MOTORCYCLE TEST



WAVEFORM



REVIEW WAVEFORM HISTORY



PLAYLIST BATTERY TESTERS

MADE IN CHINA

MADE IN TAIWAN

MADE IN CHINA

Languages - Sprachen

	GB	FR	DE	IT	ES	PT	CZ	NL	PL	RU	TR	CN	JP	KR	IR
DBT 300															
DBT 350															
DBT 500															
PBT 550															
PBT 600															
PBT 700															
BT 2010															
PBT 812															
PBT 824															
BTW 6V/12V															

	BATTERY		TEST		PRINT PAPER	DIGITAL	RESULT	TEMPERATURE COMPENSATION	kg	cm	L x W x H cm / kg
	A	V	CHARGE & START SYSTEM VEHICLE								
TBP 100	6-12 V	20 > 100 Ah	•	•	12V	—	5/10s	15 min	—	1.5	16x18x30 30.7x17.2x10.3 / 1.5
TBP 500	12 V	10 > 160 Ah	•	•	12V	—	15s	15 min	—	3.75	27x26x13 31x28.6x18.2 / 3.8
BTW 6V/12V	6-12 V	7 > 240 Ah	—	min 4,5V	12/24V	—	1s	instant	•	0.11	11x3x2 7.5x4.5x16.4 / 0.16
BATTERY MONITOR	12-24V	7 > 240 Ah	—	min 7V	12/24V	—	1s	instant	•	0.1	6.5x5x1.5 5x6.5x31 / 0.12
BT 001	12 V	7 > 230 Ah	—	•	12 V	—	LED	1s	instant	—	0.29 3x12x1.5 24.2x11.8x2.4 / 0.29
NBT 100	12 V	20 > 150 Ah	•	min 7V	—	•	1s	instant	—	0.25	7x1.5x12 5x18x25.8 / 0.3
NBT 200	12 V	20 > 150 Ah	•	min 7V	12 V	—	•	1s	instant	—	0.25 7x1.5x12 5x18x25.8 / 0.3
DBT 300	12 V	4 > 150 Ah	•	min 4,5V	12 V	—	back-lit / rétro-éclairé	1s	instant	—	0.25 12x7.9x22.7 5x18x25.8 / 0.3
DBT 350	12 V	7 > 240 Ah	•	min 8V	12 / 24V	—	back-lit / rétro-éclairé	1s	instant	•	0.8 9.6x3x13.8 6.5x10.5x21 / 0.35
DBT 500	12-24V	7 > 240 Ah	•	min 5V	6 / 12V	—	color screen 2.4"	1s	instant	•	0.3 8x2x14 —

i	Recommendation	TEST		LIQUID	START / STOP ENGINE	EFB	AGM VRLA/GEL	Truck	Truck	CURRENT CCA SAE
		Battery/Batteries/ Ladegeräte	Alternator Circuit/ Circuit alternateur/ Lichtmaschinen Schaltkreis							
TBP 100	6V 12V	•	•	•	•	•	•	•	•	20 > 100 Ah
TBP 500	12V	•	•	•	•	•	•	•	•	10 > 160 Ah
BTW 6V/12V	6V 12V	•	•	•	•	•	•	•	•	7 > 240 Ah
BATTERY MONITOR	12V 24V	•	•	•	•	•	•	•	•	7 > 240 Ah
BT 001	12V	•	•	•	•	•	•	•	•	7 > 230 Ah
NBT 100	12V	•	•	•	•	•	•	•	•	20 > 150 Ah
NBT 200	12V	•	•	•	•	•	•	•	•	20 > 150 Ah
DBT 300	12V	•	•	•	•	•	•	•	•	4 > 150 Ah
DBT 350	12V	•	•	•	•	•	•	•	•	7 > 240 Ah
DBT 500	6V 12V	•	•	•	•	•	•	•	•	7 > 240 Ah





TESTERS

# TESTERS & PRINTER



Battery-management software - Gestion logicielle de la batterie - Software batterie management



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

p.28



x6  
Languages  
Sprachen



0.65 m

x5  
Languages  
Sprachen



1.2 m

x10  
Languages  
Sprachen



x9  
Languages  
Sprachen



1.8 m

x10  
Languages  
Sprachen



NEW  
06 2023

x10  
Languages  
Sprachen



1.8 m

Approvals  
Homologations  
Zulassungen

## PRINTER • 12 V

PBT 550

12 V 30 > 220 Ah

START STOP ALTERNATOR 12 V

024199



x2 (included)  
056633

PBT 600

12 V 30 > 220 Ah

START STOP ALTERNATOR 12/24 V

024205



x2 (included)  
056633

PBT 700

12 V 7 > 240 Ah

START STOP ALTERNATOR 12/24 V

024229



Standard  
57 mm (W)  
x1 (included)  
056237

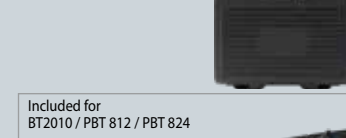
## PRINTER • 6/12 V

BT2010 START-STOP DHC

6/12 V 7 > 240 Ah

START STOP ALTERNATOR 12/24 V

055339

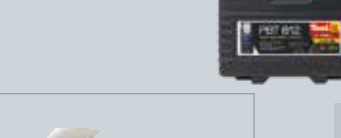


PBT 812

6/12 V 7 > 240 Ah

START STOP ALTERNATOR 12/24 V

076686

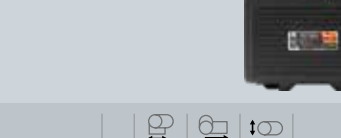


PBT 824

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

START STOP ALTERNATOR 12/24 V

025738



Included for  
BT2010 / PBT 812 / PBT 824

1.3 m  
0.5 m  
\*detachable  
M/F plug

Clamps  
056510

x1  
056237

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	

MADE IN CHINA

MADE IN TAIWAN

	12V	30 > 220 Ah	TEST		CHARGE & START SYSTEM VEHICLE	PRINT PAPER	DIGITAL	RESULT	TEMPERATURE COMPENSATION	kg	cm	L x W x H cm / kg		
			A	V										
PBT 550	12V	30 > 220 Ah	•	min 6V	12V	•	back-lit/rétro-éclairé	1s	instant	•	—	0.55	55 x 25	29 x 23 x 9 / 0.9
PBT 600	12V	30 > 220 Ah	•	min 8V	12 / 24 V	•	back-lit/rétro-éclairé	1s	instant	•	—	1.1	55 x 25	29 x 23 x 9.5 / 1.3
PBT 700	12V	7 > 240 Ah	•	min 8V	12/24V	•	back-lit/rétro-éclairé	1s	instant	•	—	0.7	23.5 x 10.2 x 6.8	40.5 x 28 x 9 / 1.9
BT 2010 DHC	6-12V	7 > 240 Ah	•	min 1.5V	12/24V	•	back-lit/rétro-éclairé	1s	instant	•	6 x 1.5V LR6-AA	0.7	13 x 6.4 x 25.1	47.6 x 34.4 x 11.8 / 3
PBT 812	6-12V	7 > 240 Ah	•	min 1.5V	12/24V	•	color TFT display 2.8"	1s	instant	•	6 x 1.5V LR6-AA or 18650 lithium battery(not included)	0.7	28 x 14 x 7.5	—
PBT 824	6-12-24 (2x12)V	7 > 240 Ah	•	min 1.5V	12/24V	•	back-lit 4 colors / rétro-éclairé	1s	instant	•	6 x 1.5V LR6-AA	0.7	25 x 4.5 x 13	40 x 28 x 9 / 2.3

### TEST

i Recommendation	Battery/Batteries/ Ladegeräte	Alternator Circuit/ Circuit alternateur/ Lichtmaschine/schaltkreis	PRINT PAPER	TEST					CURRENT CCA SAE	
				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	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



# POWER INVERTER

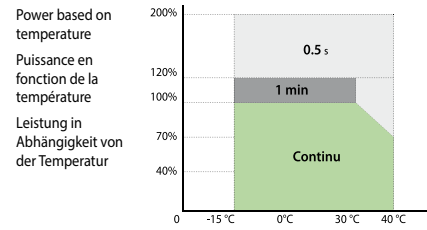
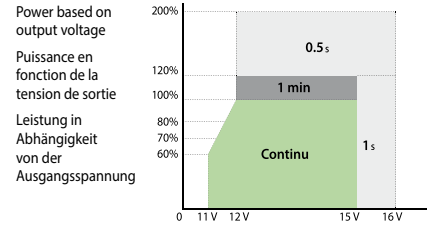
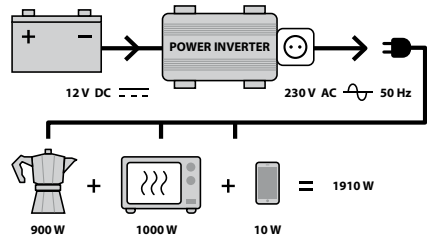
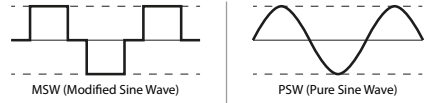
12/24 V DC > 230 V AC



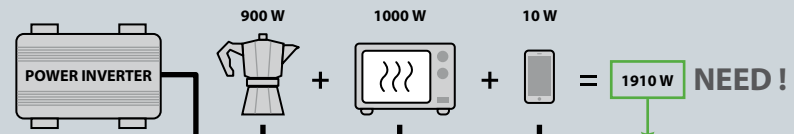
## PSW REMOTE CONTROL



## MSW / PSW TECHNOLOGY



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



SELECT THE RIGHT POWER INVERTER  
• CHOISISSEZ VOTRE CONVERTISSEUR  
• WÄHLEN SIE IHREN WECHSELRICHTER

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
12 V							24 V

HOME APPLIANCE - ÉLECTROMÉNAGER			
Microwave - Micro-Ondes - Mikrowelle	700 - 1000 W	30 - 50 min	1 h 30 - 2 h
Toaster - Grille Pain	800 - 1500 W	20 - 40 min	1 h - 2 h
Fridge - Réfrigérateur - Kühlschrank (40 L)	45 W	12 h	35 h
Kettle - Bouilloire - Wasserkocher	700 - 2500 W	15 - 45 min	35 min - 2 h
Espresso coffee maker - Cafetière espresso - Espresso-Maschine	1000 - 1600 W	20 - 30 min	1 h - 1 h 30
Drip coffee maker - Cafetière filtre - Filterkaffee-Maschine	800 - 1200 W	25 - 40 min	1 h 30 - 2 h
ELECTRONIC - ÉLECTRONIQUE			
Mobile phone - Téléphone - Telefon	5 - 10 W	55 - 110 h	155 - 310 h
Laptop - Ordinateur portable	60 - 95 W	5 - 9 h	16 - 28 h
Radio	10 - 40 W	14 - 55 h	40 - 155 h
TV 15"	40 W	13 h 30	39 h
TV 21"	50 W	11 h	31 h
Video game console - Console de jeux vidéo - Konsole für Videospiele	39 - 100 W	5 - 13 h	16 - 39 h
Camera - Appareil photo - Fotoapparat	4 - 19 W	25 - 135 h	78 - 390 h
-COMFORT - CONFORT			
Light - Eclairage - Beleuchtung	100 W	5 h 30	16 h
Electrical heater - Chauffage électrique - Elektrische Heizung	1800 - 2500 W	12 - 20 min	35 - 45 min
Fan - Ventilateur - Lüfter	50 W	11 h	31 h
Hairdryer - Sèche cheveux - Fön	1000 - 2000 W	15 - 30 min	45 min - 1h 30
SAILING - NAUTISME			
Navigation lights - Feux de navigation - Navigationslichter	24 W	30 h	80 h
Radar	24 W	30 h	80 h
Autopilot mode - Pilote automatique	60 W	9 h	30 h
GPS/Sat nav. - GPS	6 W	110 h	310 h

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

MADE IN CHINA	Power	Peak power	Pure Sin Wave	Optimum Efficiency	Input DC	Output AC	Output USB (2,1) DC	max 150W	Universal	Remote	Weight	Height	L x W x H cm / kg
CONVERGYS 150	150W	300W	—	90,5%	12V	230V	5V - 2A	•	•	—	0,5 kg	N/A	8 x 16,5 x 24,7 / 0,45
CONVERGYS 300	300W	600W	—	85%	12V	230V	5V - 2A	•	•	—	0,95 kg	N/A	21,3 x 20 x 6,8 / 0,95
PSW 601W RC-12	600W	1200W	•	90%	12V	230V	5V - 2A	—	•	•	2,2 kg	26,5 x 17 x 7,5	31 x 22 x 12 / 2,3
PSW 1002W RC-12	1000W	2000W	•	90%	12V	230V	5V - 2A	—	•	•	4,7 kg	37,5 x 21 x 10	44 x 27 x 16 / 4,5
PSW 1502W RC-12	1500W	3000W	•	90%	12V	230V	5V - 2A	—	•	•	5 kg	37,5 x 21 x 10	44 x 27 x 16 / 4,6
PSW 2002W RC-12	2000W	4000W	•	90%	12V	230V	5V - 2A	—	•	•	6,25 kg	38,5 x 25 x 10	43 x 32 x 16,5 / 5,7
MSW 82000	2000W	4000W	—	80%	24V	230V	5V - 2A	—	•	•	5,8 kg	35 x 20 x 28	45,3 x 26,8 x 16,1 / 4,9
PSW 2002W RC-24	2000W	4000W	•	90%	24V	230V	5V - 2A	—	•	•	6,25 kg	38,5 x 25 x 10	43 x 32 x 16,5 / 5,7

12 V CONVERGYS CONVERGYS



12 V PSW PURE SINE WAVE



24 V MSW MODIFIED SINE WAVE



24 V PSW PURE SINE WAVE





# PORTABLE ENERGY

12 V > 230 V

USING TIME	50 W	100 W	250 W	500 W	1000 W	2200 W
POWER PACK 520	8 h	4 h	1 h 40	50 min	—	—
POWER PACK 1300	20 h	10 h	4 h	2 h	1 h	—
POWER PACK 1500	22 h	11 h	4 h 30	2 h 15	1 h 05	30 min

## FULL PROTECTION

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

## CHARGE

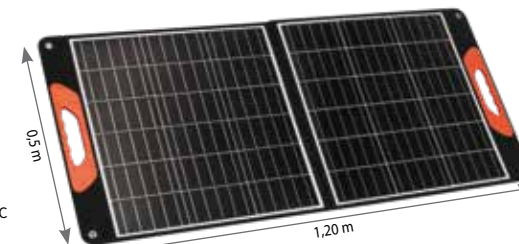
### Solar panel

monocrystalline - ETFE quality  
18V - 100 W max

OUTPUT  
USB 1 : 5V/3A  
USB 2 : 5V/3A ; 9V/2A ; 12V/1.5A  
Type C : 5V/3A ; 9V/2A ; 12V/1.5A  
Jack : 18V/5.6A max

compatible with  
Power pack 520, 1300, 1500, Energys DC/DC

079410



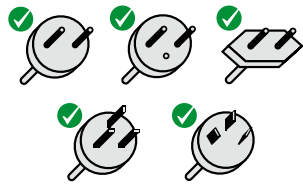
INCLUDED

NEW 08 2023

## 4in1

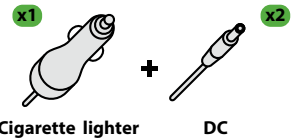
1 230 V - 50 Hz / 500 W

### UNIVERSAL OUTPUT



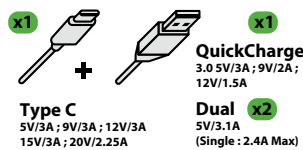
Type C / E / F / G / I

2 12 V / 12 A



Cigarette lighter DC

3 USB



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

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

4 LIGHT

### 3 MODES

- Light
- S.O.S
- Spot



MPPT integrated

Solar panel compatibility

### POWER PACK 520

518 Wh 20 Ah

027961



POWER PACK 520 charging cables



MPPT integrated

Solar panel compatibility

## 5in1

### POWER PACK 1300

1280 Wh 50 Ah

071988

### POWER PACK 1500

1408 Wh 55 Ah

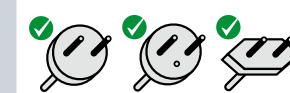
078697

NEW 04 2023

ACCESSORIES included for  
POWER PACK 1300 / POWER PACK 1500



1 230 V / 50 Hz



Type C / E / F (euro plug)

3 12 V / 12 A



Cigarette lighter DC

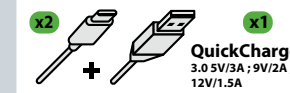
5 LIGHT



### 5 MODES

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

2 USB



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

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

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

4 BOOSTER



12 V PETROL & DIESEL

	LITHIUM		I			POWER SUPPLY	LIGHT	kg	mm	L x W x H cm / kg
	CAPACITY/ CELL	FULL CHARGE	TYPE	Start	Peak					
POWER PACK 520	518 Wh	8 h - 10 h depending on the charging mode	LiPo	—	—	500 W	1 x LED	5.14	26.4 x 23.4 x 16.3	33.5 x 23 x 34.5 / 6.2
POWER PACK 1300	1280 Wh	7 h - 12 h depending on the charging mode	LFP	500 A	1000 A	1000 W	1 x LED	17.5	36 x 27 x 28	45 x 39 x 39 / 20.6
POWER PACK 1500	1408 Wh	8 h - 12 h depending on the charging mode	LFP	500 A	1000 A	2200 W	1 x LED	19.5	36 x 27 x 28	—



RECOMMENDATION	Game	Phone	Radio	Laptop	TV	Tablet	Camera	Drill	Saw	Hammer	Screwdriver	Wrench	Pliers	Welder	Generator
POWER PACK 520	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
POWER PACK 1300	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
POWER PACK 1500	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.





# JUMPER CABLES EV CABLES ACCESSORIES

JUMPER CABLES	74
EV CHARGING	75
ACCESSORIES	76



# JUMPER CABLES

320 A > 1000 A

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

## BOOSTER CABLES - Câbles de démarrage - Starterkabel - Cables de arranque - Cavi di avviamento



**TEST VOLT**  
**LED**

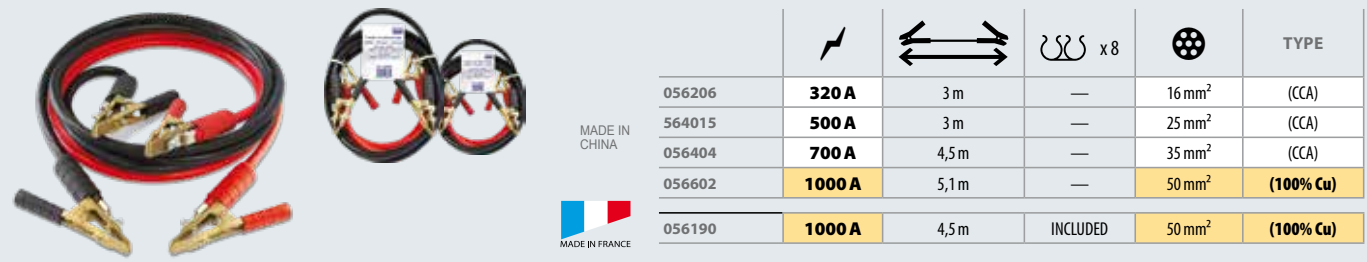
**DIN 72553**

	ESSENCE BENZINE PETROL	DIESEL	Length	Area	TYPE
027695	350 A	5,5l	31	3,5m	25 mm <sup>2</sup> ≈ Ø Cu

TYPE	Ø	%I
CCA		
≈ Cu		
100% Cu		

## PRO BRASS CLAMPS

### BRASS CLAMPS, NOT INSULATED - Pincas laiton, non isolées - Messingklemmen, nicht isoliert - Pinzas de latón, no aisladas - Morsetti in ottone non isolati

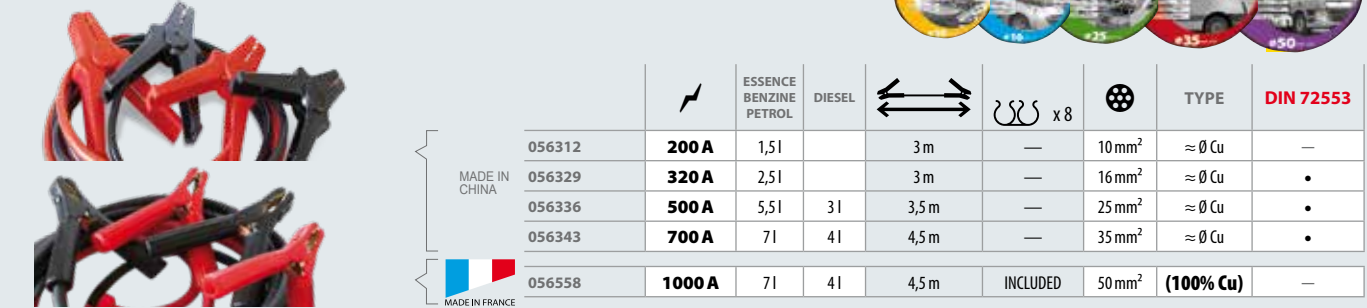


**MADE IN CHINA**

	Length	Area	TYPE
056206	3m	16 mm <sup>2</sup>	(CCA)
564015	3m	25 mm <sup>2</sup>	(CCA)
056404	4,5m	35 mm <sup>2</sup>	(CCA)
056602	5,1m	50 mm <sup>2</sup>	(100% Cu)
056190	4,5m	50 mm <sup>2</sup>	(100% Cu)

## PRO INSULATED CLAMPS

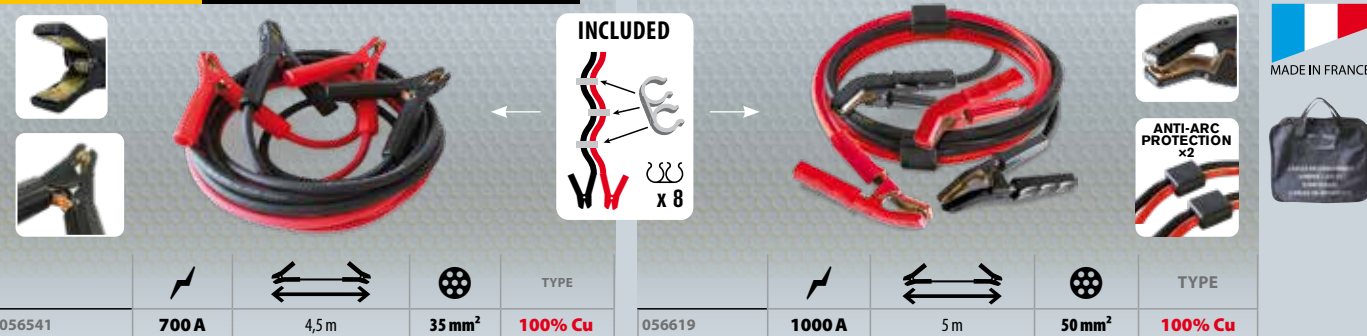
### INSULATED CLAMPS - Pincas isolées - Isolierte klemmen - Pinzas aisladas - Morsetti isolate



**MADE IN CHINA**

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

## SUPER PRO INSULATED CLAMPS



**MADE IN FRANCE**

**ANTI-ARC PROTECTION x2**

	Length	Area	TYPE
056541	4,5m	35 mm <sup>2</sup>	100% Cu
056619	5m	50 mm <sup>2</sup>	100% Cu

# EV CHARGING

Rechargement EV • Laden für Elektrofahrzeuge  
• Carga de EV • Ricarica per veicoli elettrici

10 A > 32 A

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

### INCLUDED



+ more output options...



10 A / 13 A / 16 A / 20 A / 32 A  
available on request

IP 55

↓ 23 × 16 × 9 cm  
↑ 46 × 20.5 × 38 cm / ▲ 6 kg



### SUPER PRO SMART EV CHARGE

10 → 32A 1ph / 3ph

075320

**TIMER FUNCTION**  
Delay start 1h → 24h



### EV CHARGING - PORTABLE

10/16 A 1 ph

028975



### EV CHARGING - STANDARD CABLES

32 A 1 ph **NEW**

079687

07 2023



### EV CHARGING - SPIRAL CABLE

32 A 1 ph

028982

32 A 3 ph **NEW**

079694

07 2023

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

### OPTION

↓ 21 × 43 ×  
57 cm

060432

IP67





# ACCESSORIES

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


Cable Size	Length	A (60%)		A (35%)	
		Part No.	Value	Part No.	Value
16 mm <sup>2</sup>	100 m	046252	121	131	
	≠ x m	046207			
25 mm <sup>2</sup>	5 m	045408			
	100 m	046603	165	185	
35 mm <sup>2</sup>	100 m	046702			
	≠ x m	046405			
50 mm <sup>2</sup>	100 m	046801	211	243	
	≠ x m	046757			
70 mm <sup>2</sup>	100 m	046832	351	419	
	≠ x m	046832			
95 mm <sup>2</sup>	100 m	046863	433	527	
	≠ x m	046863			

**HIGH FLEXIBILITY ELECTRICAL CABLES**

Cable Size	Length	A (60%)		A (35%)	
		Part No.	Value	Part No.	Value
10 mm <sup>2</sup>	100 m	054882	88	92	
	20 m	056107			
16 mm <sup>2</sup>	100 m	054905	120	130	
	20 m	056121			
25 mm <sup>2</sup>	100 m	054929	164	184	
	20 m	056145			
35 mm <sup>2</sup>	100 m	054943	210	240	
	20 m	054967			
50 mm <sup>2</sup>	100 m	054967	273	320	
	50 m	056565	310	380	

**CLAMPS - Pinces • 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 <sup>2</sup>	10 mm <sup>2</sup>	10 mm <sup>2</sup>	16 mm <sup>2</sup>	25 mm <sup>2</sup>	35 mm <sup>2</sup>	25 mm <sup>2</sup>	25 mm <sup>2</sup>	35 mm <sup>2</sup>	70 mm <sup>2</sup>	50 mm <sup>2</sup>	95 mm <sup>2</sup>



**BATTERY TERMINAL - Cosses batterie - Polklemmen - Terminales batería - Accupool - Terminais de bateria - Πόλος μπαταρίας - Контакты аккумуляторной - батареи - 电池端子**

Size	Part No.	Value
ø 10 mm / 35 mm <sup>2</sup>	x25 054431	
	x25 054448	
ø 13 mm / 50 mm <sup>2</sup>	x25 054332	
	x25 054424	
ø 16 mm / 70 mm <sup>2</sup>	x25 054417	
	x25 054363	

**CABLE LUGS - Cosses - Terminal Kabelschuhe - Kabelschoen**

Size	Part No.	Value
16 mm <sup>2</sup>	M10 x10	038219
25 mm <sup>2</sup>	M10 x10	038226
35 mm <sup>2</sup>	M14 x10	038233
50 mm <sup>2</sup>	M14 x10	038240
75 mm <sup>2</sup>	M16 x10	038257
125 mm <sup>2</sup>	M15 x5	038264
25 mm <sup>2</sup>	M5 x100	047525
35 mm <sup>2</sup>	M6 x100	047532
50 mm <sup>2</sup>	M10 x100	047549

**CLEANING BRUSH POLES / TERMINALES - Nettoyeur cosses / bornes**

Size	Part No.	Value
10 mm <sup>2</sup>	M16 x100	047501
16 mm <sup>2</sup>	M15 x100	047518
70 mm <sup>2</sup>	M10 x100	047556
95 mm <sup>2</sup>	M10 x50	047570

**DINZE CONNECTORS - Connecteurs Texas - Stecker - Conectores - Schakelaars - Conectores**

Part No.	I A max	mm <sup>2</sup>	mm	mm	Compatibility	Ref.
CFM 25.14	200	10/25	14	9	CM 25.14, CF 25.14	x1 045507
CFM 50.21	300	35/50	21	13	CM 50.21, CF 50.21	x1 045606
CFM 70.21	400	50/70	21	13	CM 70.21	x1 047488
CM 25.14	200	10/25	14	9	CF 25.14	x20 045668
CM 50.21	300	35/50	21	13	CF 50.21	x10 045613
CM 70.21	400	50/70	21	13	CF 70.21	x5 045750
CM 95.24	500	70/95	24	13	CF 95.24	x5 047495
CF 25.14	200	10/25	14	9	CM 25.14	x30 045651
CF 50.21	300	35/50	21	13	CM 50.21	x10 045620
CF 70.24	400	50/70	24	13	CM 70.21	x5 045736
CF 95.24	500	70/95	24	13	CM 95.24	x5 072374

**QUICK CONNECTORS**

Size	Part No.	Value
ø 10 mm / 50 mm <sup>2</sup>	054455	

**FUSES - Fusibles - Sicherungen - Fusibles - Zekeringen - Fusíveis - Ασφάλειες - Плавкие предохранители - 保险丝**

Size	Part No.	Value
6.3 A	054578	
10 A	056527	
10 A	054530	
15 A	054493	
20 A	054509	
25 A	054516	
30 A	054523	
40 A	054554	
100 A	054486	
100 A	054394	
150 A	027930	
200 A	054547	
250 A	055568	
300 A	054561	
M5	40 A 054646	
M5	50 A 054622	
M5	80 A 054653	
M5	125 A 054585	
M5	150 A 054639	
M6	40 A 071599	

**ANTI-ARC PROTECTION - Protection Anti-Arc - Lichtbogenschutz - Protección anti-arco - Piekspanningsbeveiliging - Protecção anti-faixa - Αντι-σπινθηρική προστασία - Защита против дуги - 抗电弧保护**



**ADJUSTABLE BATTERIE CARRIER - Porte-batterie ajustable - Einstellbarer Batteriehalter - Porta-baterias ajustable - Переноска для аккумулятора**



**ACIDIMETER (PH METER) - Pèse acide antigel - Säure/Frostschutzmittel-Tester - Acido densímetro anticongelante - Zuurweger - Medidor de PH (ácido) - Μετρητής οξύτητας (PH) - Ацидиметр (pH-метр) - 防冻酸度计**



**SOLAR POWERED CHARGER WITH ACCESSORIES - Kit solaire de maintien de charge avec accessoires - Solarpanel zur Ladeerhaltung mit Zubehör - Kit solar de mantenimiento de carga - Солнечная панель для поддержания заряда в наборе с аксессуарами**



**MULTI CHARGE STATION FOR BATTERIES - Station multicharge pour batteries - Multi-Ladestation für Starterbatterien**



**MEMORY AUTO SAVE - Sauvegarde mémoire OBD - Sicherung des Speichers - Salvaguardia memorias - Salvaguardas de memória - Αυτόματη αποθήκευση ρυθμίσεων - Сохранение настроек - 记忆存储器**

**GYSPACK OBD 054998**



7Ah INSIDE

Automatic TIMER STOP

OFF

After each use / Après chaque utilisation / Nach jeder Anwendung

INSIDE

MEMORY SAVER

12V - 7 Ah

< 4 A

< 4 A

25 x 18 x 25 cm

3 kg

MADE IN P.R.C.

**CABLE OBD - Câble OBD - Kabel für OBD**

054202 Fuse 7,5A 1,5 m





**HAND LAMPS - Lampes baladeuses - Handleuchte**

**Lampe BALADEUSE TRIPODE 250 L**  
100-250 lumens (x3)

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

↓ 26 x 10 x 10 cm / 960 g  
↑ 20 x 10.5 x 27 cm

059955

**Lampe BALADEUSE 400 L**  
400 lumens

COB LED  
Li-ion  
Charging time: 8h  
**operating time**  
High position: 2.5 h  
Low position: 5 h  
Top light (1 W): 6 h

↓ 23 x 6.5 x 4 cm / 480 g  
↑ 13 x 7 x 23.5 cm

059153

**Lampe BALADEUSE PRO 600 L**  
250-600 lumens

COB LED, 80 CRI  
3.7 V - 2200 mAh Li-ion  
micro USB charging (3.5 h)  
**operating time**  
High position: 1.5 h  
Low position: 4.5 h  
Top light (100 lumens): 10 h

↓ 19 x 5.6 x 2.9 cm  
▲ 520 g  
↑ 9 x 13 x 23.2 cm  
IP54  
210g

060883

**UNDER BONNET LAMP - Lampe sous capot - Leuchte für Motorhaube**

**Lampe SOUS CAPOT 600 L**  
500-1000 lumens

120 COB LED  
3.7V - 4000 mAh Li-ion  
charging time: 10/12 h  
**operating time**  
High position: 4 h  
Low position: 8 h

↓ 26 x 10 x 10 cm  
▲ 23 kg  
↑ 23.5 x 12 x 69.5 cm

059962

**Lampe SOUS CAPOT 800 L**  
250-800 lumens

120 COB LED  
3.7V - 4000 mAh Li-ion  
charging time: 10/12 h  
**operating time**  
High position: 3 h  
Low position: 6 h

↓ 26 x 10 x 10 cm  
▲ 23 kg  
↑ 23.5 x 12 x 69.5 cm

058002

**360° AMBIANT LAMP - Lampe ambiance 360°**

**Lampe AMBIANCE 360° PORTABLE 1000 L**  
60 > 1000 lumens

>80 CRI SMD LED  
6500 K  
3.7V - 5200 mAh Li-ion  
USB charging (4.5 h) / USB power supply  
**operating time** 2 > 27 h

↓ 26 x 7.5 x 7.5 cm ▲ 660 g  
↑ 7.8 x 8 x 35 cm  
IP 54

059764

**INSPECTION LAMP - Lampe inspection - Inspektionslampen**

**Lampe INSPECTION PRO 600 L**  
0 > 600 lumens

6500 K  
3.7 V - 2600 mAh Li-ion  
**operating time**  
1.5 > 15 h

↓ 380 x 40 x 45 mm  
▲ 360 g  
↑ 40 x 8.8 x 5.5 cm

057760

**Lampe INSPECTION MINI 350 L**  
0-350 lumens **NEW**

COB LED  
3.7 V - 1100 mAh Li-ion  
USB charging (3 h)  
**operating time**  
3 > 6.5 h

IP 20

075894

**Lampe INSPECTION PRO 800 L**  
120-800 lumens **NEW**

COB LED  
3.7 V - 2600 mAh Li-ion  
USB charging (4 h)  
**operating time**  
2.5 > 9 h

IP 54

075900

**Lampe INSPECTION FRONTALE 280 L**  
100-280 lumens

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 / ↓ 7.8 x 4.7 x 4.2 cm  
↑ 40 x 8.8 x 5.5 cm / ▲ 200 g

060845

**Lampe INSPECTION MINI 200 L**  
100-200 lumens

COB LED, 80 CRI, 6500 K  
3.7V - 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 / ↓ 17.4 x 2.7 x 2.8 cm  
↑ 17.5 x 5 x cm / ▲ 140g

060852

**WORKLIGHT WITH TRIPOD - Projecteur sur trépied - Arbeitsleuchte mit Standfuß**

**Lampe sur TRÉPIED 1800 L**  
1800 lumens

3x 55 COB LED  
total 165 LED  
1.8 m power cord

▲ 3.2 kg  
↑ 95 x 14.5 x 14 cm

059146

**Lampe sur TRÉPIED 3000 L**  
3000 lumens

35 W COB LED  
2 m power cord

IP 44  
▲ 4.1 kg  
↑ 103 x 21.5 x 10 cm

059979

**Lampe sur TRÉPIED 4000 L**  
4000 lumens

3x 20 COB LED,  
total 60 LED  
3 m power cord

▲ 6.4 kg  
↑ 22 x 16 x 116 cm

059986

**AUTOMOTIVE BATTERIES**

Batteries de démarrage - Starterbatterien - Baterias de arranque  
- Automotive accu's - Baterias de Automóvel - Motospieler  
огондотув - Пусковые батареи - 汽车启动电池

Curves	LIQUID Calcium / Silver	Start & Stop / AGM / EFB / GEL / Optima	Unattended charge	100% charged	Maintenance	Battery desulphation	Fast Charge	Fast Charge ++
W	✓	-	-	-	-	-	-	-
W2	✓	-	✓	-	-	-	-	-
WU	✓	-	✓	-	✓	-	-	-
WUoU	✓	✓	✓	✓	✓	-	-	-
IWUoU	✓	✓	✓	✓	✓	✓	✓	-
I REGULATED FAST CHARGE IUoU	✓	✓	✓	✓	✓	-	✓	✓
7 STEP GYSFLASH Pb	✓	✓	✓	✓	✓	✓	✓	✓

GYSFLASH Lithium

8 STEP Li-ion    8 STEP LiFePO<sub>4</sub>    9 STEP Li-ion    9 STEP LiFePO<sub>4</sub>

**LiFePO<sub>4</sub> / Li-ion / Li-Po / NMC / LCO / MCO / NCA...**

**Parallel**

12V 80Ah  
12V 60Ah  
12V 120Ah  
12V 100Ah  
= 12V / 360Ah

**Serial**

6V 150Ah  
6V 150Ah  
6V 150Ah  
6V 150Ah  
= 24V / 150Ah

12V 60Ah  
12V 60Ah  
12V 60Ah  
12V 60Ah  
240Ah

12V 60Ah  
12V 60Ah  
12V 60Ah  
12V 60Ah  
240Ah

Σ = 24V / 240Ah

**MARKETING**

Catalogs and posters available for download on our website [www.gys.fr](http://www.gys.fr)

**A** - Barnum 3 x 3 m 098022  
**B** - Open Barnum 2 x 2 m 098039  
**C** - Oriflamme 3 x 0,50 m 098015

Display stand - Podium de présentation - Podest (machines not included)  
063204 A: 45 cm, B: 50 cm, C: 50 cm  
063211 A: 80 cm, B: 50 cm, C: 50 cm

Type	FA1	FA2	SB1
complete - complet - komplett	062429	062443	061149
without display stand - sans linéaire - ohne Regal	062436	062450	062412

Retail display space with 2 shelves - Linéaire de vente avec 2 étagères - Lochwandregal mit 2 Böden (machines not included) 060784





INVEST IN THE FUTURE



French manufacturer  
since 1964

2  
0  
2  
3  
B

# Chargers, Boosters & Starters

Charge & entretien des batteries  
Batterieservicegeräte-Katalog  
Caricabatterie, Booster & Avviatore  
Catálogo de Cargadores



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