

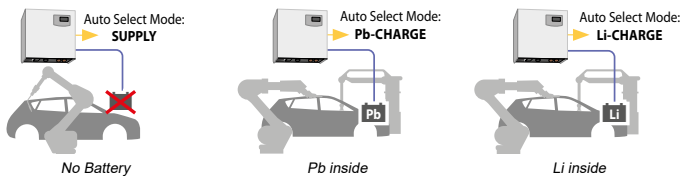
The GYSFLASH 158.12 CNT FV is an ultra-high-power three-phase charger: 150 A maximum current. It can be connected and controlled remotely, and is designed for installation on automotive production lines. With an IP54 rated construction, no dust or splashes of liquid can contaminate the internal electronics of the charger, which is specifically targeted for industrial integration and automation.

### PERFORMANCE DEFINED BY THE AUTOMOTIVE INDUSTRY

- Three-phase charger with flexible voltage **FV** : 320 to 520 V.
- **Current I<sub>max</sub>: 150 A**
- Vibration-resistant and suitable for use in manufacturing environments.
- Can be fitted to industrial supports with threaded side inserts.
- **IP54 rated construction.**
- **Smart Cooling**: silent cooling via natural convection.

### AUTOMATIC BATTERY MANAGEMENT

In automatic mode, the GYSFLASH PRO 158.12 CNT is fully autonomous. It automatically selects the most appropriate mode according to what is connected to the output.



- **"Auto-Detect" function**: automatically starts charging when a battery is connected to the charger.
- **"Auto-Restart" function**: in the event of a power cut, it will automatically restart and the settings will be saved.

### REMOTE CONTROL

- via a PLC / automatic controller
- via 1D / 2D barcode reader



### MAXIMUM SAFETY

- Protects the on-board electronics of the vehicle: protection against short-circuit, reverse polarity, and overload. Spark-proof system, automatic stop if the clamps are disconnected.
- Temperature control to prevent overheating of the internal electronics.
- Complete control of voltage and current.
- Secure access: access to certain modes and menus can be password protected.

### A STATE-OF-THE-ART, FULLY CONFIGURABLE CHARGER

#### CHARGE (up to 150 curves)

- Specific 8-step charge curve for 12 V lead-acid batteries from 20 to 1800 Ah.
- Specific 9-step charge curve for 12 V Lithium batteries (LFP) from 20 to 1800 Ah.

#### SUPPLY (up to 10 curves)

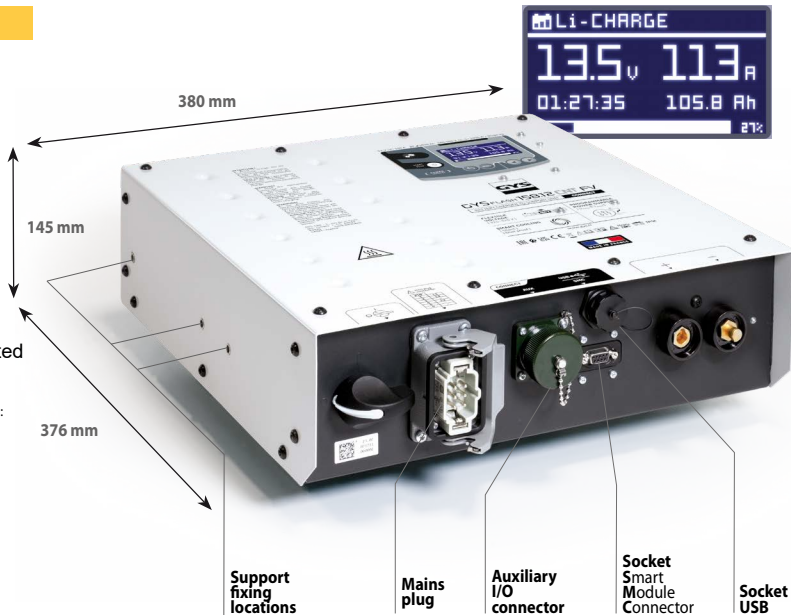
Supplies the energy required by a vehicle. Adjustable as required from 2 to 16 V, and 0 to 150 A.

#### POWER-UP


Reactivates Lithium LFP batteries that are in UVP (Under Voltage Protection) mode.

#### CONFIGURATION, UPDATES, AND TRACEABILITY


USB connectivity can be used to update the software, import custom configurations (add/remove modes, load predefined or custom charging curves) and retrieve charging history and data via USB memory stick.



### ACCESSORIES (optional)

 Dinse cable > Clamps  
027886 - 5 m - 25 mm<sup>2</sup>

 1D / 2D barcode scanner  
027718

 Wireless 1D / 2D barcode scanner  
086869 - 150 m range

 Smart Light Module  
027978

50 / 60 Hz	⚡	🔋 V	🔋 Charge	I <sub>charge</sub>	25°C @100%	40°C @100%	60°C @100%	Zz	Waves/Ripple	Charging curve	📈	IP	👤 kg	↕ mm
320 - 520 V	2,500 W	12 V	20 < 1800 Ah	150 A	140 A	120 A	100 A	<0.2 Ah/month	<150 mV Rms	I <sub>U</sub> , I <sub>U</sub> , U	8 step (Pb) 9 step (Li)	IP54	10.3	376 x 145 x 380