

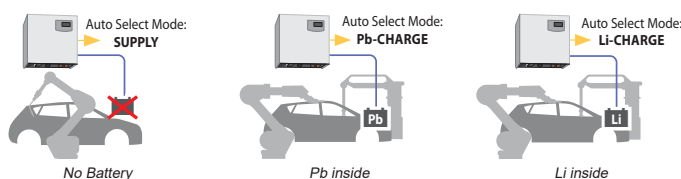
The GYSFLASH 108.12 CNT FV is a high-power single-phase charger: 105 A maximum current. It can be connected and controlled remotely, and is designed for installation on automotive production lines. With an IP54 rated construction, no dust or splashes of liquid can contaminate the internal electronics of the charger, which is specifically targeted for industrial integration and automation.

PERFORMANCE DEFINED BY THE AUTOMOTIVE INDUSTRY

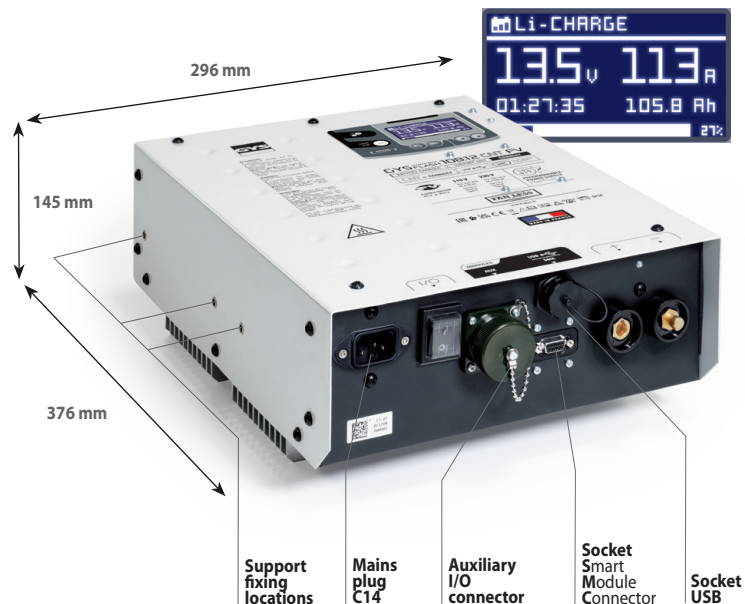
- Single-phase charger with flexible voltage **FV** : 85 to 265 V.
- **Current I_{max}: 105 A**
- Vibration-resistant and suitable for use in manufacturing environments.
- Can be fitted to industrial supports with threaded side inserts.
- **IP54 rated construction.**
- **Smart Cooling:** silent cooling via natural convection.

AUTOMATIC BATTERY MANAGEMENT

In automatic mode, the GYSFLASH PRO 108.12 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 1200 Ah (230 V).
- Specific 9-step charge curve for 12 V Lithium batteries (LFP) from 20 to 1200 Ah (230 V).

SUPPLY (up to 10 curves)

Supplies the energy required by a vehicle. Adjustable as required from 2 to 16 V, and 0 to 105 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 mm²

 1D / 2D barcode scanner
027718

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

 Smart Light Module
027978

50 / 60 Hz		2,5 m	12 V	I _{max}	25°C @100%	40°C @100%	60°C @100%	Charge	START MINI	IP	kg	cm
V	W											
220 > 240 V	1800 W	2,5 m	12 V	230 V : 105 A 110 V : 65 A	230 V : 105 A 110 V : 65 A	230 V : 105 A 110 V : 65 A	230 V : 88 A 110 V : 62 A	20 > 1200 Ah	1 V	54	9,4	37,6 x 14,5 x 29,6
100 > 127 V	1000 W											