



YPOWER CHARGERS

WITH RELAYS OR CAN-BUS BOARD

The very popular YPOWER chargers⁽¹⁾ are now available with **factory integrated options** : relays board or CAN-BUS board.

⁽¹⁾ Please refer to dedicated datasheet for complete characteristics.

The relays board allows two alarms to be transmitted through dry contacts (NO and NC) : Low battery voltage and charger fault.

Alarm Low Battery voltage is triggered if the voltage of the battery bank is less than :

- 10.2V for 12V models
- 20.4V for 24V models

Alarm Charger Fault is triggered if :

- Charger is OFF
- Charger fails
- Output fuse has blown
- Charger voltage is less than :
 - o 11V for 12V models
 - o 22V for 24V models



CAN-BUS interface board allows the charger to communicate with a monitoring system or any other peripheral device using this mode of communication. Protocol can be made-to-measure on request.⁽²⁾

⁽²⁾ Please consult us.

Available data are :

- AC input voltage and frequency
- Battery voltage (up to 3 banks)
- Charger current
- Charger status (Boost, Absorption, etc.)
- Battery temperature



DESCRIPTION	Charger with relays board Part number ⁽³⁾	Charger with CAN-BUS board Part number ⁽³⁾
12V/16A/3 banks - No fan	YPO12-16RELST	YPO12-16COMST
12V/25A/3 banks - No fan	YPO12-25RELST	YPO12-25COMST
12V/40A/3 banks - No fan	YPO12-40RELST	YPO12-40COMST
12V/60A/3 banks	YPO12-60RELST	YPO12-60COMST
24V/12A/3 banks - No fan	YPO24-12RELST	YPO24-12COMST
24V/20A/3 banks - No fan	YPO24-20RELST	YPO24-20COMST
24V/30A/3 banks	YPO24-30RELST	YPO24-30COMST

⁽³⁾ References not compatible with YPO-DISPLAY-R control panel option.