

Cristec YPOWER+ Battery Charger 24V 25A – 4 Outputs with CAN Bus and Bluetooth

Réf : **YPO2425STPL**

The Ypower+ battery charger has all the advantages of the YPOWER range with the addition of totally silent operation as it is fanless (natural convection), 4 independent outputs (1 output dedicated to the motor battery), a low-power Bluetooth application, a BUS-CAN interface as standard, all in a case that is still as compact.

Classic delivery

Public price TTC
763.79 €

CARACTERISTICS

CRISTEC YPOWER+ BATTERY CHARGER 24V 25A – 4 OUTPUTS WITH CAN BUS AND BLUETOOTH

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Dangerous material : non
Weight :
Catalog page : 262

- Capacity : 200-300 Ah
- Dimensions : 289 x 197 x 105 mm
- Nominal current : 25A
- Charge current : 25 A
- Length : 289
- Weight : 3,7 kg
- Depth : 105 mm
- Power : 570 W
- Height : 197 mm

SPECIFICATION

Silent Operation
CRISTEC is the only manufacturer offering a 12V 60A charger with natural convection cooling (fanless design). This unique feature ensures completely silent operation and optimizes service life. As a result, the chargers can be installed anywhere on board, even under a berth.

4 Independent Outputs (including 1 dedicated to the engine battery)
YPOWER+ chargers are the only ones featuring 4 independent outputs, including one specifically dedicated to the engine battery (*except models 12V 16A & 25A, 24V 12A).

Low Energy Bluetooth Application
The chargers are equipped with Bluetooth Low Energy (BLE) technology, a more power-efficient variant of classic Bluetooth (except OE - original equipment versions). BLE offers major advantages by consuming half the power of traditional Bluetooth.

Standard BUS-CAN Interface
A BUS-CAN communication interface is built-in on applicable models for remote monitoring and control.

Outstanding Thermal Performance
The chargers deliver full-rated power up to +60°C without derating, making them highly resistant to harsh environments. Thanks to

compliance with ISO8846 standards (protection against ignition of flammable gases), installation in engine rooms is allowed.

5-Stage Charging Curve
Fast and complete battery charging:

- **Boost**: Rapid charge up to 80%
- **Absorption**: Gentle charging up to 100%
- **Floating**: Charge maintenance
- **Automatic Refresh**: Battery revitalization to prevent sulfation (can be enabled via internal switch)
- **Reboost**: Automatic reactivation of the Boost cycle if battery status and consumption require it.

A DC power supply mode is also available.

Easy Connection
Secure, simple, and fast plug-and-play connection without opening the charger. AC and DC connectors are included (except OE - original equipment versions).

Customized Charging
Simultaneous and tailored charging for 4 separate battery banks (*3 banks for 12V 16A & 25A, 24V 12A models).
YPOWER+ chargers are compatible with all battery types:

- Open lead-acid
- Sealed, Gel, or AGM lead-acid
- Spiral-wound sealed lead-acid
- Lithium iron phosphate (LiFePO4) with integrated BMS
- Other technologies: contact us

Worldwide Compatibility
Automatic detection of power supply networks, from 90 to 265VAC and 47 to 65Hz.

Enhanced Protections
Integrated protection against:

- Input transient overvoltages (via varistor, not covered by warranty)
- Output polarity reversal (via fuse)
- Output short circuits and overloads
- Abnormal overheating