

**INDUSTRIAL COMPONENT DATA**

# RPB-1600-48 MEANWELL 1600W Intelligent Single Output Battery Charger, 48V / 27.5A, PMBus protocol

Brand: MEANWELL | Manufacturer Part Number: RPB-1600-48



|                 |               |
|-----------------|---------------|
| Manufacturer    | MEANWELL      |
| MPN / Reference | RPB-1600-48   |
| Catalog number  | RPB-1600-48   |
| Category        | CHARGERS      |
| Minimum order   | 1 unit        |
| Document ID     | EO-0A2191DBEF |
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## Product Overview

RPB-1600-48 MEANWELL 1600W Intelligent Single Output Battery Charger, 48V / 27.5A, PMBus protocol

**STRUCTURED PRODUCT DATA**

## Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

## Classification & Catalog Path

Catalog path      **MEANWELL > CHARGERS**

## Additional Product Information

Name RPB-1600-48

Long Description Battery charger programmable via I2C and PMBus.

Load in 3 stages.

Format metal box.

Range of universal input 90-264vac. 47-63Hz.

Absorption voltage 57,6 Vdc.

Float voltage 55,2 Vdc. Adjustable by potentiometer (47,5-58,8 Vcc). Programmable I2C and PMBus from 75% to 125%.

Intensity of load 27,5 To. Programmable I2C and PMBus from 20% to 100%.

Power: 1584W.

Type of batteries: Gel, AGM, wet and Lithium-Iron and Lithium-Manganese.

Battery capacity: 330-1000Ah.

Efficiency typical: 93,5%.

Parallelizable up to 3 units with sharing of active current and diode mosfet protection.

Factor corrector, power &gt; 0,97 to 230vac at full load.

Remote on / off.

Auxiliary output Stand-by 5V 0.3 A.

Auxiliary output of 12V 0.8 A.

3-color LED charging status indicator.

Working temperature: from -30 up to +70 °C of ambient temperature. Consult the technical data sheet to see the curves of drift.

Dimensions (Length x Width x Height) [mm]: 300 x 85 x 41.

5 years of warranty.

Manufacturer: MEAN WELL.

The series RPB-1600 are chargers for lead-acid battery, Gel, AGM, wet, Lithium-Iron and Lithium-Manganese with possibility to configure the load curves by using ITwoC and PMBus, and optionally via CANBus. We can schedule the tensions of absorption, charge current and float voltage to suit to our batteries. Can be connected in parallel up to 3 chargers protected by a diode, Mosfet protection of investment of the integrated current. They have a wide range of temperature from -30°C up to +70°C....

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send MEANWELL / RPB-1600-48 with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://electricaonline.com/request-quote).

### GLOBAL OFFICES

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