

INDUSTRIAL COMPONENT DATA

RPB-1600-12 MEANWELL 1600W Intelligent Single Output Battery Charger, 12V / 100A, PMBus protocol

Brand: MEANWELL | Manufacturer Part Number: RPB-1600-12



Manufacturer	MEANWELL
MPN / Reference	RPB-1600-12
Catalog number	RPB-1600-12
Category	CHARGERS
Minimum order	1 unit
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Product Overview

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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-1600-12

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 To 14.4 Vdc.

Float voltage To 13.8 Vdc. Adjustable by potentiometer (11.5-15.1 Vdc). Programmable I2C and PMBus from 75% to 125%.

Intensity of load 100A. Programmable I2C and PMBus from 20% to 100%.

Power: 1440W.

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

Battery capacity: 330-1000Ah.

Efficiency typical: 91%.

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

Factor corrector, power > 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 of lead-acid battery, Gel, AGM, wet, Lithium-Iron and Lithium-Manganese with possibility to configure the load curves by using I²T_{OC} 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-1600-12 with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

Germany: Lise-Meitner-Straße 13, 89081 Ulm | USA: 16225 Park Ten Pl #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

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