

INDUSTRIAL COMPONENT DATA

RCB-1600-12 MEANWELL 1600W Rack Mountable Front End Battery Charger, 12V / 100A, PMBus protocol

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



Manufacturer	MEANWELL
MPN / Reference	RCB-1600-12
Catalog number	RCB-1600-12
Category	CHARGERS
Minimum order	1 unit
Document ID	EO-1EB718C144
Generated	2026-08-05

Product Overview

RCB-1600-12 MEANWELL 1600W Rack Mountable Front End Battery Charger, 12V / 100A, 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 RCB-1600-12

Long Description Battery charger for 19" Rack programmable via ITwoC and PMBus.

Load in 3 stages.

FormatRack 19".

Range of universal input90-264vac. 47-63Hz.

Absorption voltageTo 14.4 Vdc.

Float voltageTo 13.8 Vdc. Adjustable by potentiometer (to 11.5-15vdc). ProgrammableITwoC and PMBusfrom 75% to 125%.

Intensity of load100A. ProgrammableITwoC and PMBusfrom 20% to 100%.

Power:1440W.

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

Battery capacity:330-1000Ah.

Efficiency typical:Total of 90.5%.

Parallelizable up to 5 units with sharing of active current and diode mosfet protection in the Rack RHP-1U.

Hot Swapt. Change in hot.

Factor corrector, power>0,97to 230vac at full load.

Remote on / off.

Auxiliary output and 5V 0.3 A.

3-color LED charging status indicator.

Working temperature: from-30up+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 chargers of the series RCB-1600 are designed to install in the Rack RHP-1U supports up to 5 chargers CPR-1600.

These chargers allow you to charge lead acid batteries, 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 5 charge...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send MEANWELL / RCB-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

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.