

RBC Charger 2440, passive cooling

Especially robust and powerful 24 V charger with CAN bus connection for charging all types of lead batteries as well as lithium batteries with a charging current of 40 A.

// Especially robust design
// High performance
// CAN bus connection
// Complies with DIN 14679:2024-02

The Robust Charger RBC 2440 is designed for extreme applications. Splash water and dust cannot harm the literally maximum robust device. All common charging characteristics are pre-programmed and can be selected and set by the user. The special feature of the Robust series is that it can be connected to the vehicle's CAN bus. Thus, in addition to the regular charging of 24 V wet, lead and gel batteries, the charging of 24 V lithium batteries is also possible. For particularly gentle charging of all battery types, a temperature and voltage sensor can also be connected.

LEAB by Micropower Group

Technical Information

Charging current	40 A*
Cooling	Passive *
International Protection (IP class)	IP54*
Output voltage (DC)	24 V*
Battery capacity	50 Ah ... 800 Ah
Cable length, AC input	1.5 m
Cable length, DC output	2 x 2 m
Charging characteristic	30 selectable charging programs
Complies with DIN 14679:2024-02	yes
Connector, AC input	Schuko plug (type F)
Input frequency range	47 Hz ... 63 Hz
Input voltage (AC)	230 V
Input voltage range	195 … 264 V
Level of efficiency	? 93 %
Main charge	28.2 V ... 28.8 V
Operating temperature	-35 °C ... +55 °C
Protection class	I
Ripple	< 3 %
Trickle charge	27 V ... 27.6 V
Type of battery	Lead acid (wet, gel, AGM) and lithium
Dimensions (L x W x H)	320 x 235 x 110 mm
Weight	5.5 kg

*In the chosen option

Technical Information

*In the chosen option