



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.

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

Product information sheet

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Technical Information

*In the chosen option