

# RBC Charger 12105, active cooling

**Especially robust and powerful 12 V charger with CAN bus connection for charging all types of lead batteries as well as lithium batteries with a charging current of 105 A.**

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

The Robust Charger RBC 12105 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 12 V wet, lead and gel batteries, the charging of 12 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

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|---|---|
| **Charging current** | 105 A* |
| **Cooling** | Active* |
| **International Protection (IP class)** | IP54* |
| **Output voltage (DC)** | 12 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** | 14.1 V ... 14.4 V |
| **Operating temperature** | -35 °C ... +55 °C |
| **Protection class** | I |
| **Ripple** | < 3 % |
| **Trickle charge** | 13.5 V ... 13.8 V |
| **Type of battery** | Lead acid (wet, gel, AGM) and lithium |
| **Dimensions (L x W x H)** | 367 x 230 x 83 mm |
| **Weight** | 6.7 kg |

*In the chosen option

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*In the chosen option