

# ABC Charger 1240

**12 V built-in charger for professional use with adjustable charging characteristic for gentle charging of the battery.**

// For all types of lead batteries
// Also available in protection class II
// 15 selectable charging characteristics
// Complies with DIN 14679:2024-02

The ABC 1240 charger: Optimal charging of 12 V batteries with a charging current of 40 A. In addition, a remote display, a CBL or a temperature sensor (CTS) can be connected. The battery charging is fully automatic and microprocessor-monitored with selectable charging characteristic - thus an optimal and gentle charging is guaranteed.

LEAB by Micropower Group

# Technical Information

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|---|---|
| **CBL connection** | Yes* |
| **Charging current** | 40 A* |
| **Connector, AC input** | Schuko plug (type F)* |
| **Connector Temperature Sensor** | Yes* |
| **Output voltage (DC)** | 12 V* |
| **Power category** | 600 W - 800 W* |
| **Protection class** | I* |
| **Remote display connection** | Yes* |
| **Battery capacity** | 50 Ah ... 150 Ah |
| **Building main fuse** | B16 A/C16 A |
| **Cable length, AC input** | 1.5 m, 0.75 mm² |
| **Cable length, DC output** | 2 x 2 m, 6 mm² |
| **Charging characteristic** | 15 selectable charging programms |
| **Complies with DIN 14679:2024-02** | yes |
| **Input frequency range** | 47 Hz ... 400 Hz |
| **Input voltage (AC)** | 230 V |
| **Input voltage range** | 90 … 270 V |
| **International Protection (IP class)** | IP21 |
| **Level of efficiency** | ? 88 % |
| **Main charge** | 14.2 V/14.4 V |
| **On/Off switch** | Yes |
| **Operating temperature** | -30 °C ... +60 °C |
| **Ripple** | < 3 % |
| **Switching frequency** | 100 kHz |
| **Dimensions (L x W x H)** | 220 x 112 x 73 mm |
| **Weight** | 1.5 kg |

*In the chosen option

# Technical Information

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|---|---|
| **Trickle charge** | 13.6 V/13.8 V |
| **Type of battery** | Lead acid (wet, gel, AGM) |

*In the chosen option