



ABC Charger 4830

48 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 4830 charger: Optimal charging of 48 V batteries with a charging current of 30 A. In addition, a remote display 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.

Technical Information

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|-------------------------------------|-----------------------------------|
| CBL connection | No* |
| Charging current | 30 A* |
| Connector, AC input | Schuko plug (type F)* |
| Connector Temperature Sensor | Yes* |
| Output voltage (DC) | 48 V* |
| Power category | 1.6 kW* |
| Protection class | I* |
| Remote display connection | Yes* |
| Battery capacity | 90 Ah ... 300 Ah |
| Building main fuse | B16 A/C16 A |
| Cable length, AC input | 1.5 m, 6 mm ² |
| Cable length, DC output | 2 x 4 m, 6 mm ² |
| Charging characteristic | 15 selectable charging programmes |
| Complies with DIN 14679:2024-02 | yes |
| Input frequency range | 47 Hz ... 400 Hz |
| Input voltage (AC) | 230 V |
| Input voltage (AC), nominal values | 230 V/50 Hz/4 A |
| Input voltage range | 90 ... 270 V |
| International Protection (IP class) | IP21 |
| Level of efficiency | > 88 % |
| Main charge | 28.4 V/28.8 V |
| On/Off switch | No |
| Operating temperature | -30 °C ... +60 °C |
| Ripple | < 3 % |
| Dimensions (L x W x H) | 265 x 135 x 85 mm |
| Weight | 2.6 kg |

*In the chosen option

Product information sheet

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Technical Information

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|---------------------|---------------------------|
| Switching frequency | 100 kHz |
| Trickle charge | 27.2 V/27.6 V |
| Type of battery | Lead acid (wet, gel, AGM) |

*In the chosen option