

## Product information sheet

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**LEAB**  
by Micropower Group



## Champ Charger 2412 (gel/AGM)

**Small, compact and waterproof 24 V charger for universal use.**

- // Compact design
- // Robust: metal housing
- // Waterproof: protection class IP67
- // Available for all lead-acid battery types

The Champ 2412 charger is suitable for charging 24 V gel/AGM batteries. With an output voltage of 24 V and a charging current of 12 A, the compact and lightweight charger ensures particularly gentle charging thanks to the pre-programmed charging characteristic.

## Technical Information

|                                     |                                       |
|-------------------------------------|---------------------------------------|
| Cable length, AC input              | 1.5 m*                                |
| Cable length, DC output             | 1.5 m*                                |
| Charging current                    | 12 A*                                 |
| Connection DC output                | Ring terminal, M8*                    |
| Connector, AC input                 | Schuko plug (type F)*                 |
| Input voltage (AC)                  | 230 V*                                |
| Output voltage (DC)                 | 24 V*                                 |
| Type of battery                     | Lead acid (gel, AGM)*                 |
| Battery capacity                    | 55 Ah ... 170 Ah                      |
| Charging characteristic             | IU1U2 charging characteristic, preset |
| Complies with DIN 14679:2024-02     | yes (except for output signal)        |
| Input frequency range               | 40 Hz ... 60 Hz                       |
| Input voltage range                 | 190 ... 270 V                         |
| International Protection (IP class) | IP67                                  |
| Level of efficiency                 | > 88 %                                |
| Main charge                         | 28.4 V/28.8 V                         |
| Operating temperature               | -30 °C ... +70 °C                     |
| Protection class                    | I                                     |
| Ripple                              | < 3 %                                 |
| Switching frequency                 | 100 kHz                               |
| Trickle charge                      | 27.2 V/27.6 V                         |
| Dimensions (L x W x H)              | 98 x 192 x 47 mm                      |
| Weight                              | 1.4 kg                                |

\*In the chosen option