

Product information sheet

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Page: 1/2

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 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 of the charger thanks to the pre-programmed charging characteristic curve.

Technical Information

| | |
|-------------------------------------|---------------------------------------|
| Cable length, AC input | 0.2 m* |
| Cable length, DC output | 1.5 m* |
| Charging current | 12 A* |
| Connection DC output | Ring terminal, M8* |
| Connector, AC input | DEFA* |
| 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 | 28.8 V |
| Operating temperature | -30 °C ... +70 °C |
| Output voltage | 24 V |
| Protection class | I |
| Ripple | < 3 % |
| Switching frequency | 100 kHz |
| Trickle charge | 27.6 V |
| Dimensions (L x W x H) | 98 x 192 x 47 mm |
| Weight | 1.4 kg |

*In the chosen option