

# 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 of the charger due to the pre-programmed charging characteristic.

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# Technical Information

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|---|---|
| **Cable length, AC input** | 1.5 m* |
| **Cable length, DC output** | 1.5 m* |
| **Charging current** | 12 A* |
| **Connection DC output** | MagCode Pro* |
| **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** | 28.8 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