



Champ Pro Charger 2412

Small, compact and waterproof 24 V charger for wet, gel, AGM and traction batteries with adjustable charging characteristic and power supply function.

- // Compact design
- // Power supply function
- // Robust housing
- // Waterproof according to IP67
- // For all lead-acid battery types

The 24 V charger of the Champ Pro type is an extremely robust built-in charger for the special vehicle sector. Due to the robust design with a sturdy metal housing and a fully encapsulated circuit board, all units in the series are waterproof and dustproof in accordance with protection class IP67.

In addition to the four adjustable charging characteristics, a microprocessor in combination with a temperature sensor integrated in the cable ensures the ideal charging voltage. This protects the battery and extends its service life.

The 12 A charging current is ideal for battery capacities from 65 Ah to 200 Ah. It almost doesn't matter which battery type is to be charged: The Champ Pro can be connected to wet, gel and AGM lead batteries as well as traction batteries.

A state-of-charge indicator increases the user-friendliness. It can be read at any time how fully the battery is already charged.

Technical Information

| | |
|-------------------------------------|------------------------------------|
| Cable length, AC input | 2 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* |
| Temperature sensor | Yes* |
| Balancing Charge | 32 V |
| Battery capacity | 65 Ah ... 200 Ah |
| Building main fuse | B16 A/C16 A |
| Charging characteristic | 4 selectable charging programmes |
| Complies with DIN 14679:2024-02 | yes (except for output signal) |
| Input frequency range | 40 Hz ... 60 Hz |
| Input voltage range | 195 V ... 250 V |
| International Protection (IP class) | IP67 |
| Level of efficiency | > 88 % |
| Main charge | 28.4 V/28.8 V |
| Operating temperature | -30 °C ... +60 °C |
| Protection class | I |
| Ripple | < 3 % |
| Trickle charge | 27 V ... 27.6 V |
| Type of battery | Lead acid (wet, gel, AGM)/traction |
| Dimensions (L x W x H) | 195 x 98 x 47 mm |
| Weight | 1.5 kg |

*In the chosen option