



## Champ Pro Charger 1230

**Small, compact and waterproof 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 12 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 30 A charging current is ideal for battery capacities from 90 Ah to 300 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             | 5 m*                               |
| Charging current                    | 30 A*                              |
| Connection DC output                | Ring terminal, M8*                 |
| Connector, AC input                 | Schuko plug (type F)*              |
| Input voltage (AC)                  | 230 V*                             |
| Output voltage (DC)                 | 12 V*                              |
| Temperature sensor                  | No*                                |
| Balancing Charge                    | 16 V                               |
| Battery capacity                    | 90 Ah ... 300 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                         | 14.2 V/14.4 V                      |
| Operating temperature               | -30 °C ... +60 °C                  |
| Protection class                    | I                                  |
| Ripple                              | < 3 %                              |
| Trickle charge                      | 13.6 V/13.8 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