Champ Pro Charger 2420

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 20 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.

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Technical Information

Cable length, AC input	2 m*
Cable length, DC output	3 m*
Charging current	20 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	No*
Balancing Charge	32 V
Battery capacity	65 Ah ... 200 Ah
Building main fuse	B16 A/C16 A
Charging characteristic	4 selectable charging programms
Complies with DIN 14679:2024-02	yes (except for output signal)
Input frequency range	40 Hz ... 60 Hz
Input voltage range	195 … 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