

# MICROPOWER CHAMP PRO BATTERY CHARGER

- Up to 30A
- Power supply mode
- Polarity protection
- No sparks
- Short-circuit protection
- Temp. compensated
- Waterproof, IP67
- Easy to install
- Robust design
- Mode select
- Current limited
- High efficiency >90%

**Micropower Champ PRO** is a very compact battery charger for Lead-acid batteries of any kind. Also available for Lithium-Ion batteries. Simply press the mode select button to choose the battery type connected.

Basic models are in 12V and 24V versions. The charging is controlled by the internal microprocessor which always secures a correct charge of your batteries. The integrated temperature sensor ensures the correct charging voltage in warm and cold climate. All models are protected from overheating, wrong polarity connection, short circuitry. The LED:s show the charging status and error indication.

The ruggedized design and compact volume together with very high efficiency makes the Champ perfect for a multitude of tough tasks. They are equally suited to charge batteries for cyclical installations, as they are to do maintenance charging of starter batteries.

The Champ charger handle harsh environment such as on the frameworks of a truck as under the bonnet in a vehicle as "on board" chargers.

All models can be equipped with a control voltage for use as an im-mobilizer signal, to prevent starting of a vehicle before unplugging the main cable (start interrupt function).

Read more about DC-DC Converters at [micropower-group.com](http://micropower-group.com)



## SPECIFICATION AND MODELS

Dimensions (L x W x H)	198 x 98 x 47mm
Weight	1,7 kg
Ambient temperature	- 25oC > +40oC
Voltage/Current options	12V/17A resp. 24V/12A    12V/30A resp. 24V/20A
Charging voltage typical	14,4V resp. 28,8V
Power supply mode	13,7V resp. 27,6V
Recomendet battery capacity	20—500Ah
Input voltage	90—250VAC (limited effect <200VAC)
Ripple	<3%
Battee types	All Lead-acid batteriers (AGM, Gel, CaCa) and Li-Ion
IP class	IP67
Protection class	Class I
Mains cable	3 x 1.0mm <sup>2</sup> Rubber cable, 1,5m
Battery cables	2 x 2,5mm <sup>2</sup> 1,5m (12V/17A & 24V/12A)    2 x 6mm <sup>2</sup> 1,5m (12V/30A & 24V/20A)
Housing	Aluminum, powder coated RAL 7015
Other	Protection against wrong polarisation and short-circuit. CE approved.

### Accesoriers

*Champ Pro with rubber housing to prevent scratches when used in a showroom for cars.*



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