PRIMEPOWER™
PART OF MICROPOWER GROUP

CHAMP CHARGERS

- Up to 30A
- Plug & play
- Polarity protection
- No sparks
- Short-circuit protection
- Temp. compensated
- Waterproof, IP67
- Easy to install
- Robust design
- User friendly
- Current limited
- High efficiency >90%

CHAMP

Primepower Champ is a very compact battery charger intended for lead acid batteries of any kind. Aslo available for LiION batteries. Basic models are in 12V and 24V versions. The charging is controlled by the internal electronics 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 difficult working environment such as on the frameworks of a truck and under the bonnet in a vehicle as an ”on board” charger. All models can be equipped with a control voltage for use as an immobilizer signal, to prevent starting of a vehicle before unplugging the main cable (start interrupt function).

***Not availible in 12/7 and 24/5 versions**

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SPECIFICATION AND MODELS

Article number	0033330	0033351	0043884	0043904	0043887	0043908
Dimensions (L x W x H)	80 x 150 x 43 mm		198 x 98 x 47 mm			
Weight	1,1Kg		1,7Kg			
Ambient temperature	-25°C > +40°C					
Charge current	7A	5A	17A	30A	12A	20A
Voltage	12V	24V	12V	12V	24V	24V
Charging algorithms	GEL/AGM/STANDARD/ LITHIUM/TRACTION	GEL/AGM/STANDARD/ LITHIUM/TRACTION	GEL/AGM/STANDARD/ LITHIUM/TRACTION	GEL/AGM/STANDARD/ LITHIUM/TRACTION	GEL/AGM/STANDARD/ LITHIUM/TRACTION	GEL/AGM/STANDARD/ LITHIUM/TRACTION
Recomended battery capacity	20-120Ah	20-100Ah	50-220Ah	60-400Ah	30-220Ah	60-350Ah
Input voltage (mains)	90-270VAC		190-254VAC			
Ripple	<1%					
IP class	IP67					
Protection class	Class I					
Mains cable	3 x 0,75mm² Rubber cable. 2,2m		3 x 1,0mm² Rubber cable. 2,2m			
Battery cables	2 x 1,5mm² 1,5m		2 x 2,5mm² 1,5m	2 x 6mm² 1,5m	2 x 2,5mm² 1,5m	2 x 6mm² 1,5m

All models can easily be configured for your special needs.
The smaller models, 12V / 7A & 24V / 5A have "Wide input" input voltage, they deliver full effect 90-270VAC.

Accesoriers

Champ chargers is availible with rubber housing as optional.

All Champ chargers can be delivered with clamps or ring terminals, standard for all the Champ chargers is ring terminals .

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