

## Champ Series Battery Chargers

### FEATURES

- Advanced switch-mode design
- Waterproof (IP 65) and shockresistant
- Easy Mounting system
- Fully automatic operation
- Light weight and compact
- Reverse polarity connection protected
- 12 Volt and 24 Volt models
- 2 Year Warranty

### APPLICATIONS

- Automotive
- Recreational vehicles
- Marine
- Communications sites
- Battery back-up systems



## 20 AMPS

### TECHNICAL SPECIFICATIONS

Model	CHAMP 24-20
Nominal Input Voltage	195-270 Vac
Input Frequency	40-60 Hz
Output Voltage	depending on selected charging curve, (28,8/29,4/31,6)
Output Voltage Float	27,4 (0V traction)
Output Amps	20 Amp
Quiescent Current Off	<1 mA
Quiescent Current On	N/A
Voltage Ripple	30 - 50 Mv (max)
Efficiency	91%
Humidity	0-100%RH
Mechanical Vibration	40 G according to standard IEC 60068-2-6
Operation Temperature	-25°C - +40°C
Storage Temperature	-55°C - +85°C
Protections	Short circuit by internal electronics Reverse polarity protection by nternal electronics. Temperature compensated charging by temp sense in minus battery connector ((>50 degrees on battery=charger off)
Output Banks	1
Dimensions (LxWxH)	192x98x47 mm
Weight	1,90 Kgs.

Technical Specifications subject to change without notification.