

## 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



## 30 AMPS

### TECHNICAL SPECIFICATIONS

| Model                 | CHAMP 12-30  |
|-----------------------|--|
| Nominal Input Voltage | 195-270 Vac  |
| Input Frequency       | 40-60 Hz   |
| Output Voltage        | depending on selected charging curve, (14,4/14,7/15,8)   |
| Output Voltage Float  | 13,7 (0V traction)   |
| Output Amps           | 30 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.<br>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.