Technical Data Sheet

12 V 40 A LiFePO4 Battery Charger



Reference | CH1240

Technical specifications

Product reference: CH1240 (115/230 V switch)
Input voltage: 100–246 V AC, 50/60 Hz
Charging voltage: 14.4 V ± 0.1 V DC
Minimum charging voltage: 7 V DC
Output current: 40 A ± 10%
No-load consumption: < 0.5 W
Efficiency: 85% at rated current
Storage temperature: −40°C to 75°C
Operating temperature: −29°C to 45°C
Dimensions: 305 × 150 × 105 mm
Weight: 3.3 kg

Fan-assisted cooling. On/off switch and charging indicator. Switchable voltage/current display. Automatic shut-off after charging.

Connection

Anderson SB120 connector

Protection

- ✓ Reset by disconnecting the mains
- ✓ Reverse-polarity protection
- ✓ Mains circuit breaker
- ✓ Starts only with a battery connected

Standards

EN 61558 – EN 60950 – UL 60950

Charging curves

