Technical Data Sheet

29.4 V 35 A NMC Lithium Battery Charger



Reference | CH2435N

Technical Specifications

Product reference: CH2435N
Input voltage: 220 to 240 V AC, 50/60 Hz
Charging voltage: 29.4 V ± 0.2 V DC
Minimum charging voltage: 18 V DC
Output current: 35 A ± 10%
No-load power consumption: <0.5 W
Efficiency: 85% at rated current
Storage temperature: -40°C to +75°C
Operating temperature: -29°C to +45°C
Dimensions (L × W × H): 260 × 175 × 90 mm
Weight: 3.9 kg

Fan-assisted cooling. Power switch and mains / battery-charge indicators.
Selectable voltage/current display.
Automatic cut-off once fully charged.

Protection

- Reset by disconnecting the AC mains
- Reverse-polarity protection
- Mains protection circuit breaker
- Start-up only when a battery is connected

Standards

EN 61558 – EN 60950 – UL 60950

Charging Curve

