

Lithium-Ion Battery Charger 54.6V 4A for Electric Scooters

This lithium-ion battery charger is designed for electric motorcycles and scooters. It provides a 54.6V output at 4A, suitable for charging 13S (48V nominal) lithium-ion battery packs.



ADDITIONAL IMAGES



Overview

High-Efficiency Charging Solution

This 54.6V 4A charger is engineered for reliable and efficient power delivery to electric motorcycles, scooters, and e-bikes. Designed with a robust aluminium alloy casing, it ensures durability while providing stable charging for lithium-ion, LiFePO4, and lead-acid battery systems. The unit features integrated LED status indicators for real-time monitoring and is built to rigorous safety standards.

Technical Specifications

Output Specs

54.6 V

Output Voltage

4 A

Output Current

| | |
|--------------------------------|----------------------------|
| Output Power | 300 W |
| Input Voltage Range | 110-132VAC / 200-264VAC |
| Compatible Battery Chemistries | Li-ion, LiFePO4, Lead Acid |

Physical Characteristics

| | |
|-----------------|------------------|
| Dimensions | 137 x 90 x 51 mm |
| Net Weight | 1 kg |
| Casing Material | Aluminium Alloy |

Safety & Compliance

Certifications

CE

Warranty

12 Months

Operational Information

LED Indicator Guide

| Status | Indicator |
|----------------------|----------------|
| No Battery Connected | Green Flashing |
| Charging | Red Solid |
| Fully Charged | Green Solid |
| Error/Alarm | Red Flashing |

Applications

- Electric Motorcycle
- Electric Scooter
- E-bike