

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