

# 54.6V 7A Lithium-Ion Battery Charger for Electric Vehicles

This lithium-ion battery charger provides a 54.6V output and 7A charging current, optimized for 13S 48V battery packs. It is suitable for charging batteries in electric motorcycles and scooters, ensuring optimal performance.



## ADDITIONAL IMAGES



## Overview

### High-Efficiency EV Charging Solution

This versatile battery charger is engineered for reliable performance in electric vehicle applications, including motorcycles, scooters, and e-bikes. Designed with a durable aluminum alloy housing, it ensures efficient thermal management for consistent power delivery. The unit supports multiple battery chemistries, making it a flexible power solution for various charging needs.

## Technical Specifications

### Performance Metrics

**400 W**

Output Power

**54.6 V**

Output Voltage

**7 A**

Output Current

### Input Voltage Compatibility

Range	Voltage
Low Range	110-132 VAC
High Range	200-264 VAC

## Physical & Design

Physical Dimensions	173 x 90 x 63 mm
Net Weight	1.1 kg
Material	Aluminium Alloy

## Compatibility & Standards

### Certifications

CE

### Typical Applications

- Electric Motorcycles
- Electric Scooters
- E-bikes

### Supported Battery Types

Li-ion, LiFePO4, Lead Acid

### Warranty

12 Months