

42V 2A Lithium-Ion Battery Charger for 36V E-Bike/Scooter

This lithium-ion battery charger outputs 42V at 2A, suitable for charging 10S (10 series) 36V lithium-ion battery packs in electric bikes and scooters. It maintains a constant current/constant voltage (CC/CV) charging profile for optimal charging and battery longevity.



ADDITIONAL IMAGES



Product Overview

High-Efficiency 42V Lithium-Ion Charger

This XT8 model provides a reliable charging solution specifically engineered for 10S 36V lithium-ion battery packs. With a constant current/constant voltage (CC/CV) profile, it optimizes charging performance and supports battery longevity for e-mobility applications. Its wide-range input makes it highly versatile for international use, while the integrated LED status indicator keeps the user informed of charging progress.

Technical Specifications

Performance Metrics

42 V Output Voltage	2 A Output Current	84 W Output Power	85 % Efficiency
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Input Voltage Range	100-240VAC
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Physical Attributes

Dimensions	164 x 73 x 45 mm
Net Weight	0.64 kg
Material	Plastic case

Compatibility & Usage

Compatible Applications	Electric Motorcycle, Electric Scooter, Clean Machine, E-bike
Supported Battery Capacity	10Ah - 14Ah (10S 36V)

Operations

Charging Indicators

Status	Indication
Charging	Red light
Fully Charged	Green light
95% Charge Level	Flickering green light

Warranty Period

12 Months