

6V/12V 6.5A Smart Battery Charger

This smart battery charger is compatible with both 6V and 12V batteries, delivering a maximum charging current of 6.5A. It features multiple charging modes, including automatic, rapid, and maintenance modes, and supports various battery types such as STD, AGM, GEL, and Lithium.



ADDITIONAL IMAGES



Overview

Intelligent Multi-Stage Charging

This microprocessor-controlled smart battery charger offers a comprehensive 9-step charging cycle designed to optimize battery health and longevity. It supports both 6V and 12V batteries, including lead-acid, AGM, GEL, and LiFePO4 types, with automatic voltage detection and adjustable current settings. Featuring a robust safety suite and a backlit LCD interface, it serves as an efficient tool for both charging and long-term maintenance of vehicles ranging from motorcycles to heavy-duty trucks.

Technical Specifications

Input Voltage

- AC 110V 60Hz
- AC 220V 50Hz

Charging Current

- Auto
- 2A
- 4A
- 6.5A

Model	RK6500
Low Voltage Start-up	1.5 V

Performance Metrics

Maximum Charging Current

6.5 A

Max Current

Battery Compatibility & Safety

Safety Features

- Reverse Polarity
- Short Circuit
- Overcharge
- Overvoltage
- Over Temperature
- Spark Proof

Certifications

CE • GS • ROHS

Compatible Battery Types

Lead-acid, AGM, GEL, LiFePO4

Operating Environment

Storage Environment

Parameter	Range
Temperature	-30°C to +70°C
Humidity	10% to 95% RH

Operating Temperature Range

-15°C to +35°C