

# 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