

# 12V 6A Slim Smart Battery Charger

This slim and compact 12V 6A smart battery charger is designed for efficient and safe charging of various 12V batteries. It features intelligent charging algorithms that optimize the charging process for different battery types, ensuring maximum battery life and performance.



## Product Overview

### Smart Charging Technology

The PSL006 is a high-efficiency 12V, 6A smart battery charger designed with patented breakthrough technology to offer a superior, compact alternative to traditional chargers. It features intelligent algorithms that optimize the charging process for various battery types, ensuring maximum performance and longevity. With built-in maintenance modes and safety protections, it is an ideal solution for both rapid charging and long-term battery health management.

## Performance Metrics

### Rated Output

**12 V**

Voltage

**6 A**

Current

## Technical Specifications

### IP Rating

IP65

### Compatible Battery Types

Lead Acid, Calcium, EFB, AGM

## Compliance & Standards

### Certifications

CE, ROHS, IEC

## Features

### Core Functionality

- Manual or automatic voltage selection
- Battery repair and health protection
- Maintenance mode for long-term connection
- Fast and powerful charging capability
- Overcharge, over-discharge, short-circuit, and reverse polarity protection