

Description

REGO 12V 35A AC-DC Battery Charger is designed to efficiently charge a wide range of 12V battery types using an intelligent four-stage charging algorithm. It delivers stable and reliable charging performance while helping extend battery life.

Built-in electronic protections safeguard the charging process against common electrical risks. When paired with the optional BT-2 Bluetooth module, users can monitor real-time operating status, review charging data, and adjust parameters remotely via the Renogy App.



Key Features

■ Multi-Type Battery Compatibility

Supports Lithium, AGM, Gel, Flooded, SLD, and user-defined batteries for flexible system setups.

■ Intelligent 4-Stage Charging

Utilizes a four-stage charging profile (Bulk / Absorption / Float / Equalization) to optimize charging efficiency and help prolong battery lifespan.

■ Comprehensive Safety Protections

Built-in protections for over-voltage, over-current, over-temperature, low-temperature, short-circuit, and reverse connection.

■ Clear LED Status Indicators

LEDs display charging stage, battery status, and fault notifications for quick checks.

■ Bluetooth Monitoring Capability

Optional BT-2 module provides real-time monitoring, data access, and parameter adjustment via the Renogy App.

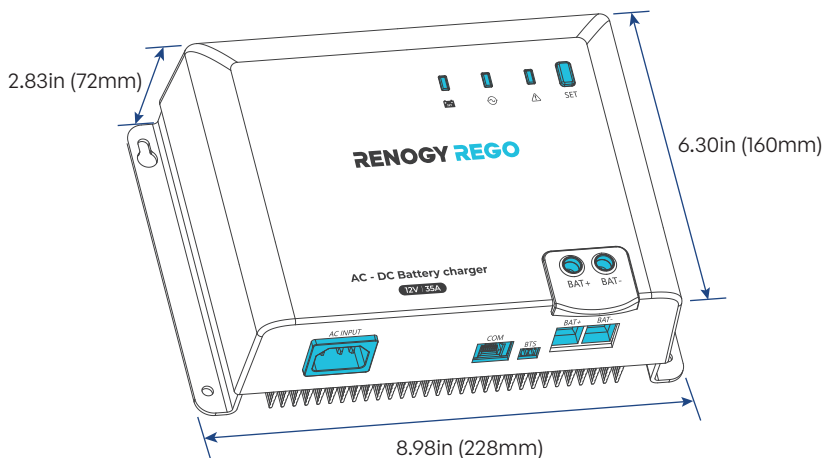
Recommended Accessories



BT-2 Bluetooth Module

Enables remote monitoring and control via Bluetooth with the Renogy App.

Product Dimensions



Technical Specifications

Electrical Specifications

Model	RACC35A1W
System Voltage	12V
Charger Type	AGM, SLD, GEL, LI
Output Voltage	9V to 17V DC
Output Current	35A
Input Voltage Range	180V to 264V AC (45Hz to 65Hz)
Rated Charging Power	510W
Charging Efficiency	>94%
Idle Power Consumption	<5W

Mechanical Specifications

Operating Temperature	-4°F to 140°F / -20°C to 60°C
Storage Temperature	-22°F to 176°F / -30°C to 80°C
IP Rating	IP32
Communication	RS485
Operating Altitude	Less than 6,561ft (2,000m)
Dimensions (LxWxH)	8.98 x 6.3 x 2.83in / 228 x 160 x 72mm
Weight	6.61 lbs / 3kg
Certifications	CA65
Warranty	3-Year

Package Contents

Battery Temperature Sensor	Yes (x1)
Mounting Screws	Yes (x4)
AC Power Cable	Yes (x1)
User Manual	Yes (x1)

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