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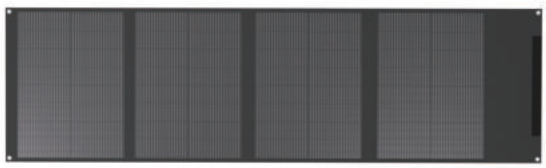
200W Portable Solar Panel Kit

RPV-P200EF-B1

Description

The Renogy 200W Portable Solar Panel Kit is a portable solar kit designed for camping, 4WD touring, and Off-Grid charging. It includes a high-efficiency 200W N-Type portable solar panel, a 30A charge controller, and all necessary connection cables for a more straightforward setup at camp.

With up to 25% cell efficiency, the panel delivers up to 200W of rated output for charging 12V batteries. Its IP65 splash-resistant, foldable design and adjustable kickstands make it easier to transport, set up, and position toward the sun outdoors.





Key Features

- **Complete All-in-One Solar Kit**

Includes a portable solar panel, charge controller, and connection cables, with no additional accessories required.

- **200W Portable Solar Panel**

Features an IP65 splash-resistant design and adjustable kickstands for easy transport, outdoor protection, and optimal positioning toward the sun.

- **Efficient Solar Charging**

Supports batteries and compatible power stations, featuring N-type solar cells with up to 25% efficiency. The panel is rated at 200W, while actual output may vary depending on sunlight, temperature, panel angle, and shading.

- **30A Charge Controller**

Provides four-stage charging to improve charging efficiency and help protect battery health.

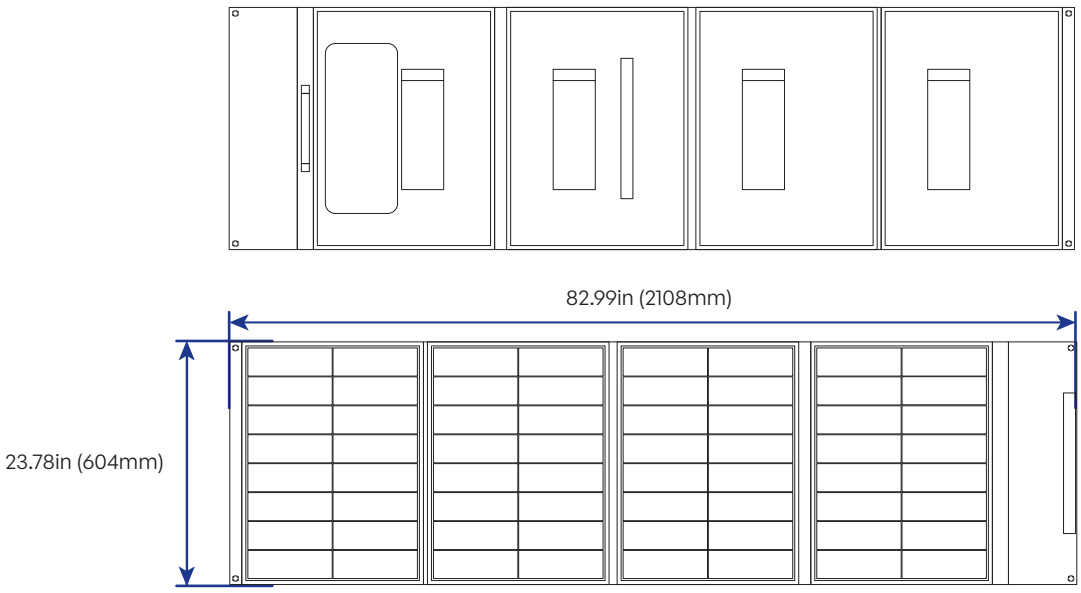
- **Quick, Tool-Free Connection**

Includes Anderson-style connectors and an alligator clip cable for fast and convenient setup.

- **Built-In Charging Protection**

Protects against overcharging, overdischarging, short circuits, overload, and reverse polarity for reliable operation.

Product Dimensions



Technical Specifications

200W Portable Solar Panel

Maximum Power at STC*	200W
Optimum Operating Voltage (Vmp)	19.2V
Optimum Operating Current (Imp)	10.42A
Open-Circuit Voltage (Voc)	22.65V
Short-Circuit Current (Isc)	11.46A
Maximum System Voltage	600V
Operating Temperature	-10°C to 65°C / 14°F to 149°F
Dimensions (Folded)	604 x 485 x 70mm / 23.78 x 19.09 x 2.76in
Dimensions (Unfolded)	2108 x 604 x 5mm / 82.99 x 23.78 x 0.2in
Weight	4.72kg / 10.41 lbs
Connector	Anderson-Style

30A Charge Controller

Nominal System Voltage	12VDC
Rated Charge Current	30A
Max. PV Input Voltage	25VDC
Self-Consumption	≤10mA
Temperature Compensation	-3mV/°C/2V
Max. Terminal Size	10mm 8AWG
Enclosure	IP20
Communication	RS232
Operating Temperature	-35°C to 45°C / -31°F to 113°F
Dimensions	163.8 x 109.6 x 44.7mm / 6.5 x 4.3 x 1.8in
Weight	0.29kg / 0.65 lbs

Anderson-Style to Anderson-Style Extension Cable

Length	5m / 196.85in
AWG	14AWG

Anderson-Style to Alligator Clip Cable

Length	600mm / 23.62in
AWG	14AWG

Warranty	1-Year
Certification	Portable Solar Panel: RCM;CE
	Charge Controller: RCM;CE
Package Contents	1 x Renogy 200W Portable Solar Panel
	1 x 30A Charge Controller
	1 x Anderson-Style to Anderson-Style Extension Cable
	1 x Anderson-Style to Alligator Clip Cable
	2 x User Manual

*All specifications and data described in this data sheet are tested under Standard Test Conditions (STC - Irradiance: 1,000W/m^2, Temperature: 25°C, Air Mass: 1.5) and may deviate marginally from actual values. Renogy and any of its affiliates has reserved the right to make any modifications to the information on this data sheet without notice. It is our goal to supply our customers with the most recent information regarding our products.

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