

RENOGY SOLAR SOLUTIONS

EXPLORE OUR LATEST SOLAR SOLUTIONS
FOR VANLIFE, CAR CAMPING,
FARM, WORKSHOP, AND SAILBOAT APPLICATIONS.
DISCOVER THE POWER OF SUSTAINABLE ENERGY WITH RENOGY!



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Brand Introduction

Company overview

Renogy has been a pioneer in off-grid solar power for 14 years. We're dedicated to delivering comprehensive solutions for off-grid solar systems to our users. Whether they reside in an RV, on a boat, or at home, we empower them to explore freely and identify the products that perfectly match their energy requirements.



14 Years
of Global Innovation

800+
Global Employees,
over 37% in R&D
and Product Innovation

500_K
Active Community
Members

**Local
Warehouses**
North America
Europe
Japan
Australia
And More

Brand Promise

Renogy, with its brand promise of Easy, Total Solution, and Safety, is committed to bringing you superior energy solutions for your off-grid living.

Easy

Enjoy a hassle-free shopping experience with Renogy. Complete your solar system purchase with just one order. Installation is a breeze too, with easy expansion and upgrade options, plus user-friendly wiring diagrams.

Total Solution

Renogy kits are designed to offer solar solutions tailored to your specific applications. Whether you're setting up for an RV, SUV, sailboat, workshop, or farm, you can find the ideal option among Renogy kits. Our one-stop after-sales service includes 24-hour prompt responses through our website.

Safety

All our products come with quality certifications, and the latest Renogy kits include fuses and cables for every component of your solar system. Plus, you never have to worry about compatibility issues.



RV



SUV



Marine



Workshop/Shed



Farm



Key Features



200W Solar Panel featuring a 9 busbar half-cut cell design.



Rover 40A/60A MPPT Solar Charge Controller with tracking efficiency up to 99%, peak conversion efficiency 98%.



2.5/5kWh of battery storage with 12V 200Ah Core LiFePO4 Batteries.



500A Combiner Box for simplified & aesthetic installation.



2000W/3000W 12V Pure Sine Wave Inverter with efficiency exceeding 90% (a peak surge of 4000W/6000W)



Qualified cables and fuses for added safety.

Additional Charging Options

You can also add a Renogy 12V 20A/40A DC to DC On-Board Battery Charger along with the necessary cables and fuses.



Additional Upgrades

You can upgrade your system with data monitoring using Renogy accessories like the Bluetooth Module, and expand your solar panel capacity to 800W by adding one more 200W panel to the Navigator Kit.

Product Specification

Specifications (The Pilotcar Kit)	
Storage Capacity	2.56kWh
Max.Solar Input Power	520W
Max.Charge Current	40A
Max.AC Output Power	2000W
Max.Solar Power Generation (Sunny Days)	2kWh (400 x 5)
Weight	Solar Panel: 26.46 lbs (12 kg)
	Li Battery: 47.3 lbs (21.45 kg)
	Charge Controller: 4.41 lbs (2.0kg)
	Inverter: 11.9 lbs (5.4kg)
Dimensions	Solar Panel: 58.7 x 27.5 x 1.38 in (1491 x 699 x 35mm)
	Li Battery: 20.55 x 9.45 x 8.62 in (522 x 240 x 219 mm)
	Charge Controller: 9.38 x 6.78 x 3.05 in (238 x 172 x 77 mm)
	Inverter: 4.3 x 2.6 x 1.3 in (108 x 67 x 32mm)

Specifications (The Navigator Kit)	
Storage Capacity	5.12kWh
Max.Solar Input Power	800W
Max.Charge Current	60A
Max.AC Output Power	3000W
Max.solar Power Generation (Sunny Days)	3kWh (600 x 5)
Weight	Solar Panel: 26.46 lbs (12 kg)
	Li Battery: 47.3 lbs / 21.45 kg
	Charge Controller: 7.9 lbs (3.58kg)
	Inverter: 12.5 lbs (5.66 kg)
Dimensions	Solar Panel: 58.7 x 27.5 x 1.38 in (1491 x 699 x 35mm)
	Li Battery: 20.55 x 9.45 x 8.62 in (522 x 240 x 219 mm)
	Charge Controller: 11.22 x 8.07 x 4.00 in (285 x 205 x 102mm)
	Inverter: 18.9 x 9.0 x 4.0 in (480 x 228 x 101 mm)

Car Camping Solutions

Product Description



Key Features



IP67 400W Portable Solar Suitcase, 13.7kg lightweight.



2000W 12V Pure Sine Wave Inverter with efficiency exceeding 90% (a peak surge of 4000W)



IP67 12V 200Ah Pro LiFePO4 Battery w/self-heating & bluetooth, double active safety design.



500A Combiner Box for simplified & aesthetic installation.



IP67 12V/24V 50A DC-DC Battery Charger with CE, FCC, RoHS certification.



Qualified cables and fuses for added safety.

Additional Upgrades

You can upgrade your solar system monitoring using the Renogy ONE Core.



Product Specification

Specifications (The 4 x 4 Explorer Kit)	
Storage Capacity	2.56kWh
Max.Solar Input Power	720W
Max.Charge Current	50A
Max.Solar Power Generation (Sunny Days)	2kWh
Weight	Solar Panel: 30.2 lbs (13.7kg)
	Li Battery: 50.7 lbs (23 kg)
	Battery Charger: 4.10 lbs (1.86 kg)
Dimensions	Solar Panel: 111.8 x 33.7 x 0.8 in (2838 x 855 x 20 mm)
	Li Battery: 18.4 x 8.4 x 8.2 in (467 x 212 x 208 mm)
	Battery Charger: 7.01 x 4.78 x 1.47 in (178.2 x 121.5 x 37.5mm)

Specifications (The 4 x 4 Adventurer Kit & The 4 x 4 Pioneer Kit)	
Storage Capacity	2.56kWh
Max.Solar Input Power	720W
Max.Charge Current	50A
Max.AC Output Power	2000W
Max.solar Power Generation (Sunny Days)	2kWh
Weight	Solar Panel: 30.2 lbs (13.7kg)
	Li Battery: 50.7 lbs (23 kg)
	Battery Charger: 4.10 lbs (1.86 kg)
	Inverter: 11.7 lbs (5.3 kg)
Dimensions	Solar Panel: 111.8 x 33.7 x 0.8 in (2838 x 855 x 20 mm)
	Li Battery: 18.4 x 8.4 x 8.2 in (467 x 212 x 208 mm)
	Battery Charger: 7.01 x 4.78 x 1.47 in (178.2 x 121.5 x 37.5mm)
	Inverter: 17.8 x 8.6 x 4 in (452 x 218.4 x 101.6 mm)



Key Features



IP67 200W Flexible Solar Panel, bendable up to 240°.



1000W 12V Pure Sine Wave Inverter (peak surge 2000W) delivers grid-like power with efficiency exceeding 90%.



IP67 12V 200Ah Pro LiFePO4 Battery w/self-heating & bluetooth, double active safety design.



Rover 40A/60A MPPT Solar Charge Controller with tracking efficiency up to 99%, peak conversion efficiency 98%.



12V 3000W Pure Sine Wave Inverter Charger w/bluetooth, >90% conversion efficiency.



Qualified cables and fuses for added safety.

Additional Upgrades

You can upgrade your system with data monitoring using Renogy accessories like the Bluetooth Module, and expand your solar panel capacity to 800W by adding two more 200W panels to the Adventurer Kit for Sailboat.



Product Specification

Specifications (The Explorer Kit for Sailboat)	
Storage Capacity	2.56kWh
Max.Solar Input Power	520W
Max.Charge Current	40A
Max.AC Output Power	1000W
Max.Solar Power Generation (Sunny Days)	1kWh*2 (In 5 hrs direct sunlight)
Weight	Solar Panel: 10.8 lbs (4.9kg)
	Li Battery: 50.7 lbs (23kg)
	MPPT 40A: 4.41 lbs (2.0kg)
	Inverter 1000W: 6.0 lbs (2.72kg)
Dimensions	Solar Panel: 63.2 x 29.4 x 0.1 in (1605 x 748 x 3 mm)
	Li Battery: 18.4 x 8.4 x 8.2 in (467 x 212 x 208 mm)
	MPPT40A: 9.38 x 6.78 x 3.05 in (238 x 172 x 77 mm)
	Inverter 1000W: 12.9 x 6.8 x 3.3 in (327 x 173 x 84 mm)

Specifications (The Adventurer Kit for Sailboat)	
Storage Capacity	5.12KWH
Max.Solar Input Power	800W
Max.Charge Current	60A
Max.AC Output Power	3000W
Max.solar Power Generation (Sunny Days)	1KWH*2 (In 5 hrs direct sunlight)
Weight	Solar Panel: 10.8 lbs (4.9kg)
	Li Battery: 50.7 lbs (23kg)
	MPPT 60A: 7.9 lbs (3.6kg)
	Inverter 3000W: 63.5 lbs (28.8 Kg)
Dimensions	Combiner Box: 5.7 lbs (2.6kg)
	Solar Panel: 63.2 x 29.4 x 0.1 in (1605 x 748 x 3 mm)
	Li Battery: 18.4 x 8.4 x 8.2 in (467 x 212 x 208 mm)
	MPPT60A: 11.22 x 8.07 x 4.00 in (285 x 205 x 102mm)
	Inverter 3000W: 20.1 x 11.2 x 7.6 in (510 x 285 x 193 mm)
	Combiner Box: 10.35 x 6.30 x 3.94 in (263 x 160 x 100 mm)

Workshop/Shed Solutions

Product Description



The Workshop Novice Kit

Start DIY Anytime w/ Self-heated Power

☀️ x 4 (400W) 🔋 x 1 (3840Wh)



The Craftsman Kit

Upscaled Power for Heavy Loads

☀️ x 4 (400W) 🔋 x 2 (5120Wh)



Key Features



Renogy's top-selling 100W Solar Panel, which undergoes 100% EL testing for reliability.



Rover 40A MPPT Solar Charge Controller with tracking efficiency up to 99%, peak conversion efficiency of 98%.



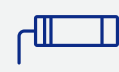
12V 200Ah/300Ah Core LiFePO4 Batteries with BMS protection.



500A Combiner Box for simplified & aesthetic installation.



12V 3000W Pure Sine Wave Inverter (peak surge 6000W) delivers grid-like power with efficiency exceeding 90%.



Qualified cables and fuses for added safety.

Additional Upgrades

You can upgrade your system with data monitoring using Renogy accessories like the Battery Shunt 300 and expand your solar panel capacity to 500W by adding one more 100W panel.



Product Specification

Specifications (The Workshop Novice Kit)	
Storage Capacity	3.84kWh
Max.Solar Input Power	520W
Max.Charge Current	40A
Max.AC Output Power	3000W
Max.Solar Power Generation (Sunny Days)	2kWh (400W x 5hrs)
Weight	Solar Panel: 14.1 lbs (6.4kg)
	Li Battery: 69.0 lbs (31.3 kg)
	Charge Controller: 4.41 lbs (2.00 kg)
	Inverter: 12.5 lbs (5.66 kg)
Dimensions	Solar Panel: 41.8 x 20.9 x1.38 in (1061 x 530 x 35.05 mm)
	Li Battery: 20.55 x 9.45 x 8.62 in (522 x 240 x 219 mm)
	Charge Controller: 9.38 x 6.78 x 3.05 in (238 x 172 x 77 mm)
	Inverter: 18.9 x 9.0 x 4.0 in (480 x 228 x 101 mm)

Specifications (The Craftsman Kit)	
Storage Capacity	5.12kWh
Max.Solar Input Power	520W
Max.Charge Current	40A
Max.AC Output Power	3000W
Max.solar Power Generation (Sunny Days)	2kWh (400W x 5hrs)
Weight	Solar Panel: 14.1 lbs (6.4kg)
	Li Battery: 47.3 lbs (21.45 kg)
	Charge Controller: 4.41 lbs (2.00 kg)
	Inverter: 12.5 lbs (5.66 kg)
Dimensions	Solar Panel: 41.8 x 20.9 x1.38 in (1061 x 530 x 35.05 mm)
	Li Battery: 20.55 x 9.45 x 8.62 in (522 x 240 x 219 mm)
	Charge Controller: 9.38 x 6.78 x 3.05 in (238 x 172 x 77 mm)
	Inverter: 18.9 x 9.0 x 4.0 in (480 x 228 x 101 mm)



Key Features



100% EL tested Renogy 50W Solar Panel, compact and reliable.



RENOGY Battery Shunt 300 for remote monitoring and control via the Renogy ONE/DC Home App.



12V 100Ah Core LiFePO4 Battery with BMS protection.



TUV-certified cables are included.

RoHS

Wanderer 10A PWM Charge Controller with CE/ROHS certification.



Components work in harmony seamlessly.

Additional Upgrades

You can upgrade your system with data monitoring using Renogy accessories like the Bluetooth Module and expand your solar panel capacity to 100W by adding one more 50W panel.

Product Specification

Specifications (Farm Power Kits)	
Storage Capacity	1.28kWh
Max.Solar Input Power	130W
Max.Charge Current	10A
Max.Solar Power Generation (Sunny Days)	0.25kWh
Weight	Solar Panel: 7.72 lbs (3.5kg)
	Li Battery: 23.15 lbs (10.5 kg)
	Charge Controller: 0.54 lbs (244.94g)
Dimensions	Solar Panel: 22.9 x 20.0 x 1.2 in (581 x 508 x 30.48mm)
	Li Battery: 10.24 x 6.65 x 8.31 in (260 x 169 x 211mm)
	Charge Controller: 4.7 x 3.0 x 1.1 in (119 x 75 x 27.5mm)

