Peel back the ordinary.

Discover off-grid freedom.

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Local Warehouse

Current Automation
POWER SOLUTION PARTNERS

RENOGY
TRUSTED ENERGY SOLUTIONS



RENOGY

TRUSTED **ENERGY** SOLUTIONS

15+
Years of Experience

800+
Global Employees

30+
Countries Served

BATTERY INVERTERS SUMMARY

1000W 12V 1000W 12V Pure Sine Wave Inverter with UPS Transfer Switch and Built-in Bluetooth

UPS Transfer Switch +







2000W 12V Pure Sine Wave Inverter with UPS Transfer Switch and Built-in Bluetooth

UPS Transfer Switch +







3000W 12V 3000W Pure Sine Wave Inverter with UPS Transfer Switch and Built-in Bluetooth

UPS Transfer Switch +









BATTERY INVERTERS SPECS



Features:

-UPS switches between AC and DC power, ensuring continuous power.

-Built-in Bluetooth and remote provide effortless convenience.

-Exceed 92% efficiency, while power consumption is less than 18W.

-Enjoy quiet operation with a power supply of less than 51dB.

-Cooling fans, short-circuit protection, etc ensure superior safety.

Renogy 1000W 12V Pure Sine Wave Inverter with Built-in Bluetooth			
GENERAL INFORMATION		**Product code**	**Price Excluding VAT**
Continuous Output Power: 1000W	Continuous Output Current: 8.3A AC	DOWNLOAD **R-INVT-PUH1-101235** GET A QUOTE	**R2 278**
Total Harmonic Distortion (THD): ≤3%	Power Factor: 1.5A		
Surge Rating: 2000W (@ 2s)	Output Voltage: 120V AC±3%		
Output Frequency: 50/60Hz	Rated Battery Input Voltage: 12VDC		
Battery Input Voltage Range: 11-15.5VDC	Maximum Continuous Battery Output Current: 105A		
Inverter Efficiency: >92%	Full Load Efficiency: >87%		
Power Consumption: <12W	Battery Overoltage Shutdown: 16.0VDC±0.3VDC		

Renogy 2000W 12V Pure Sine Wave Inverter with Built-in Bluetooth			
GENERAL INFORMATION		**Product code**	**Price Excluding VAT**
Continuous Output Power: 2000W	Continuous Output Current: 16.6A AC	DOWNLOAD **R-INVT-PUH1-201235** GET A QUOTE	**R3 850**
Total Harmonic Distortion (THD): ≤3%	Power Factor: 1.5A		
Surge Rating: 4000W (@ 2s)	Output Voltage: 120V AC±3%		
Output Frequency: 50/60Hz	Rated Battery Input Voltage: 12VDC		
Battery Input Voltage Range: 11-15.5VDC	Maximum Continuous Battery Output Current: 210Ain / 388.5 × 205.4 × 95.3 mm		
Inverter Efficiency: >92%	Full Load Efficiency: >87%		
Power Consumption: <18W	Battery Overoltage Shutdown: 16.0VD-C±0.3VDC		

Renogy 3000W 12V Pure Sine Wave Inverter with Built-in Bluetooth			
GENERAL INFORMATION		**Product code**	**Price Excluding VAT**
Continuous Output Power	3000W	DOWNLOAD **R-INVT-PUH1-301235** GET A QUOTE	**R4 996**
Continuous Output Current	25A AC		
Total Harmonic Distortion (THD) Output Current	≤3%		
Power Factor	1.5A		
Surge Rating	6000W (@ 2s)		
Output Voltage	120V AC±3%		
Output Frequency	50/60Hz		

Inverter Charger

12V Pure Sine Wave HF Inverter Charger Split-phase Design











PRO - 12V | 2kW HF

Heavy-duty, more robust, better at handling tough loads and longer surges

GET A QUOTE DOWNLOAD



2000kW | Surge (Peak) Power: ~ 6000W
RIV1220PCH-235-G1-SA
R7 835

PRO - 12V | 3kW HF

Heavy-duty, more robust, better at handling tough loads and longer surges

GET A QUOTE DOWNLOAD



3000kW | Surge (Peak) Power: ~ 6000W
R-INVT-PCL1-30123S-G2-SA
R8 312

2000W 12V

Pure Sine Wave Inverter Charger with **UPS transfer switch**

GET A QUOTE DOWNLOAD



6000W peak output with >90% conversion efficiency
RIV1220PU-235-G1-SA
R7 448

2000W 12V

Pure Sine Wave Inverter Charger w/ LCD

GET A QUOTE



DOWNLOAD

6000W peak output with >90% conversion efficiency
R-INVT-PCL1-20123S
R7 051

GET A QUOTE

3000W 12V

Pure Sine Wave Inverter Charger w/ LCD

9000W peak output with >90% conversion efficiency

R-INVT-PCL1-30123S-G2-SA
R8 312

DOWNLOAD





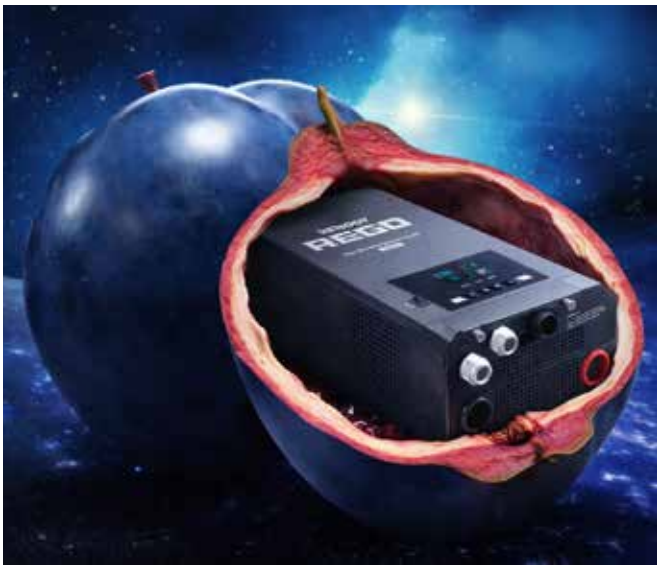
Pro 12V 3000W HF Inverter Charger

- Over 91% efficiency and standby power under 10W for longer life
- Weighs 8.1 kg, compact size fits tight spaces with easy installation
- Detachable panel and optional BT-2 module enable remote monitoring
- Built-in RCD protection ensures safety without need for extra modules
- Supports lithium, lead-acid batteries and AC input with fast switchover

PRO - 12V | 3kW HF			
GENERAL INFORMATION		**Product code**	**Price Excluding VAT**
Continuous Power: 3000W	Surge Power (Peak Power): 6000W	DOWNLOAD **RIV1230RCH-235-G1-SA** GET A QUOTE	**R13 111**
AC Output Voltage Range: 240VAC	Output Frequency (Nominal): 50/60 Hz ± 0.1Hz default 50Hz		
Output Waveform: Pure Sine Wave	Efficiency: 91% peak		
THD: <4%	DC Input Voltage: DC12V		
DC Input Voltage Range: 10.5-15.5VD	No Load Current Draw: <10W		
Output Current: 5-120A Aad-justable,5A intervals	Optimal Efficiency: >85% Peak		
Nominal Input Voltage: 187-265Vdc	Input Frenquency Range: 40Hz-70Hz		

Renogy REGO 12V 3000W Pure Sine Wave Inverter Charger w/ LCD Display





REGO 12V 3000W			
GENERAL INFORMATION		**Product code**	**Price Excluding VAT**
Continuous Power	3000W	DOWNLOAD **R-INVT-PUH1-301235** GET A QUOTE	**R4 996**
Surge Power	9000W		
AC Output Voltage Range	100~120VAC configurable, 5V interval		
Output Frequency (Nominal)	50/60 Hz ± 0.1%		
Output Waveform	Pure Sine Wave		
Efficiency	> 90%		
No Load Current Draw	Normal: <30W Power Saving: <15W		

200W Portable Solar Panel Blanket

400W Portable Solar Panel Blanket

RENOGY









Solar blankets

Both panels feature high-efficiency N-type monocrystalline cells, ensuring optimal performance in various environmental conditions. The 200W model is more compact and lightweight, making it ideal for portable applications like camping or RV use. In contrast, the 400W model offers double the power output, suitable for more demanding energy needs. Both models are designed for durability with an IP65 waterproof rating and come with a 2-year warranty.

GET A QUOTE DOWNLOAD GET A QUOTE DOWNLOAD

Specification	Renogy 200W Solar Panel Blanket	Renogy 400W Solar Panel Blanket
Model	RPP200SB-SE	RSP400SB
Maximum Power (STC)	200W	400W
Open Circuit Voltage	19.6V	39.2V
Short Circuit Current	13.1A	13.1A
Optimum Operating Voltage	16.8V	33.6V
Optimum Operating Current	11.9A	11.9A
Cell Type	N-type monocrystalline	N-type monocrystalline
Cell Efficiency	25%	25%
Operating Temperature	-10°C to 65°C	-10°C to 65°C
Folded Dimensions	410 × 390 × 78 mm (16.14 × 15.35 × 3.07 in)	420 × 402 × 105 mm (16.54 × 15.83 × 4.13 in)
Unfolded Dimensions	1560 × 810 × 38 mm (61.41 × 31.89 × 1.50 in)	1650 × 1600 × 38 mm (64.96 × 62.99 × 1.50 in)
Weight	8.82 lbs (4 kg)	16.09 lbs (7.3 kg)
Waterproof Rating	IP65	IP65
Included Accessories	Carry handle, straps	Carry handle, straps
Price excluding VAT	**R3 200**	**R5 932**

Flexible
Monocrystalline Solar Panel









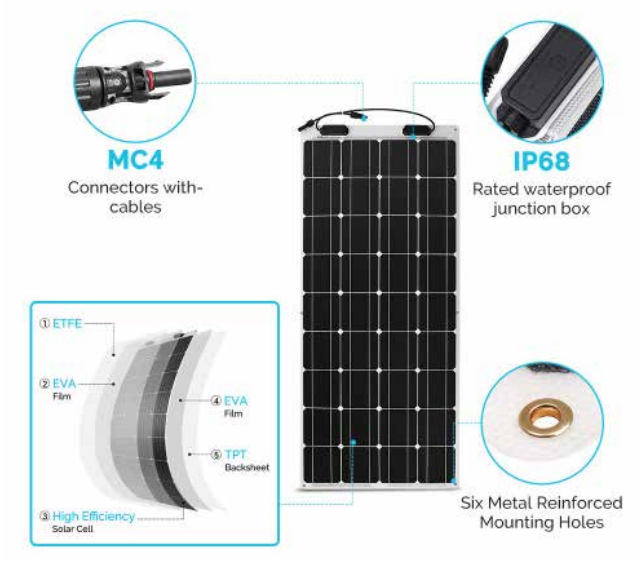




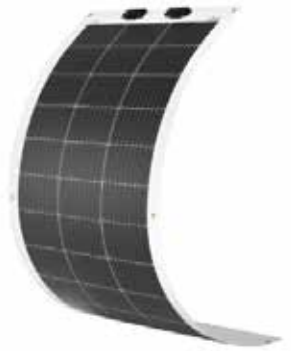


Flexible Solar Panel

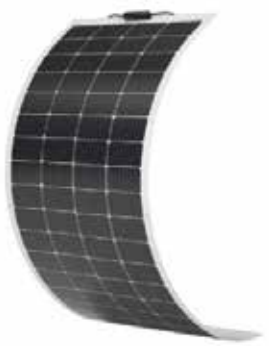
Flexible solar panels are made of cells compressed on layers of a durable material allowing them to be thin, lightweight, and freer. These units are used in many portable applications such as RV, Van, Boat, etc. due to the panels being very thin which makes them aesthetically pleasing.



100Watt | 12V Flexible Monocrystalline solar panel



200Watt | 12V Flexible Monocrystalline solar panel



100Watt | 12V Black Division lightweight Monocrystalline solar panel



50Watt | 12V Flexible Monocrystalline solar panel

DOWNLOAD

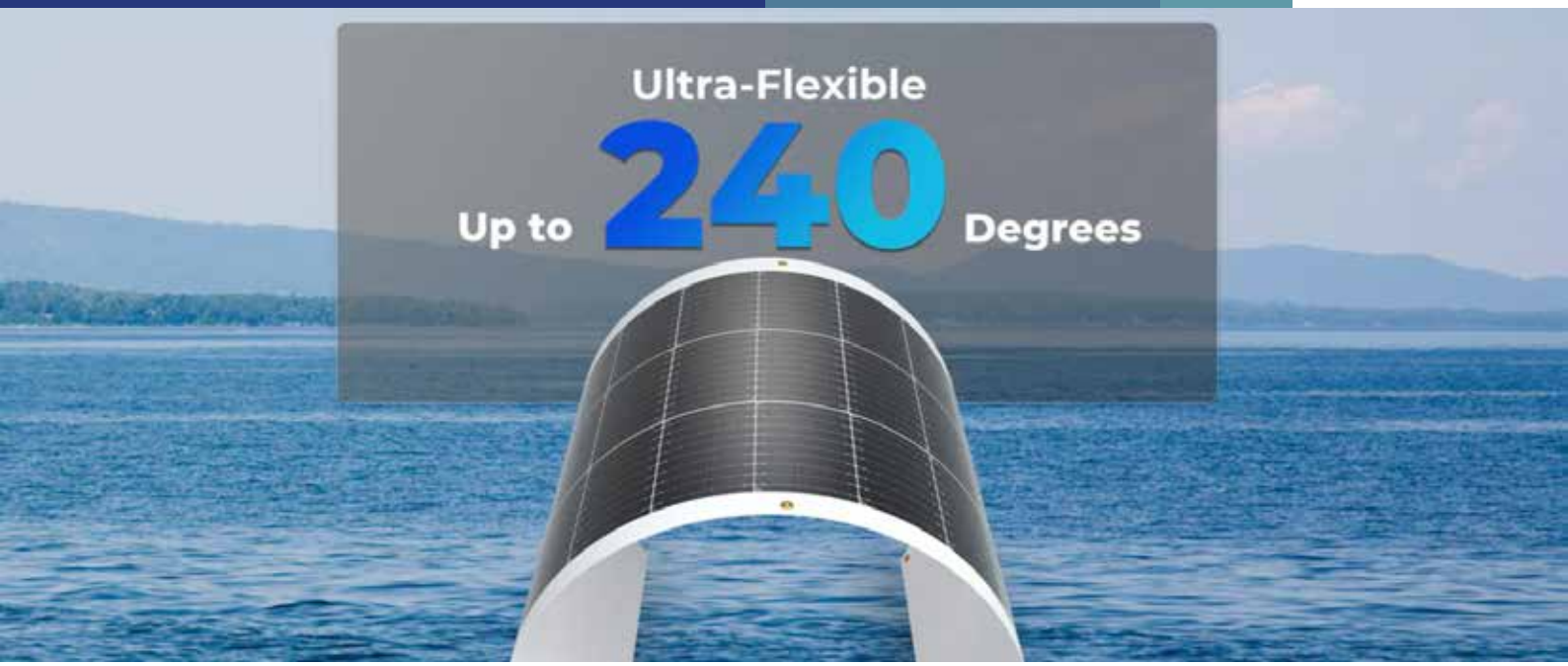
RNG-50D-SS-G3-SA
R736

GET A QUOTE





Flexi Solar Panel SPECS



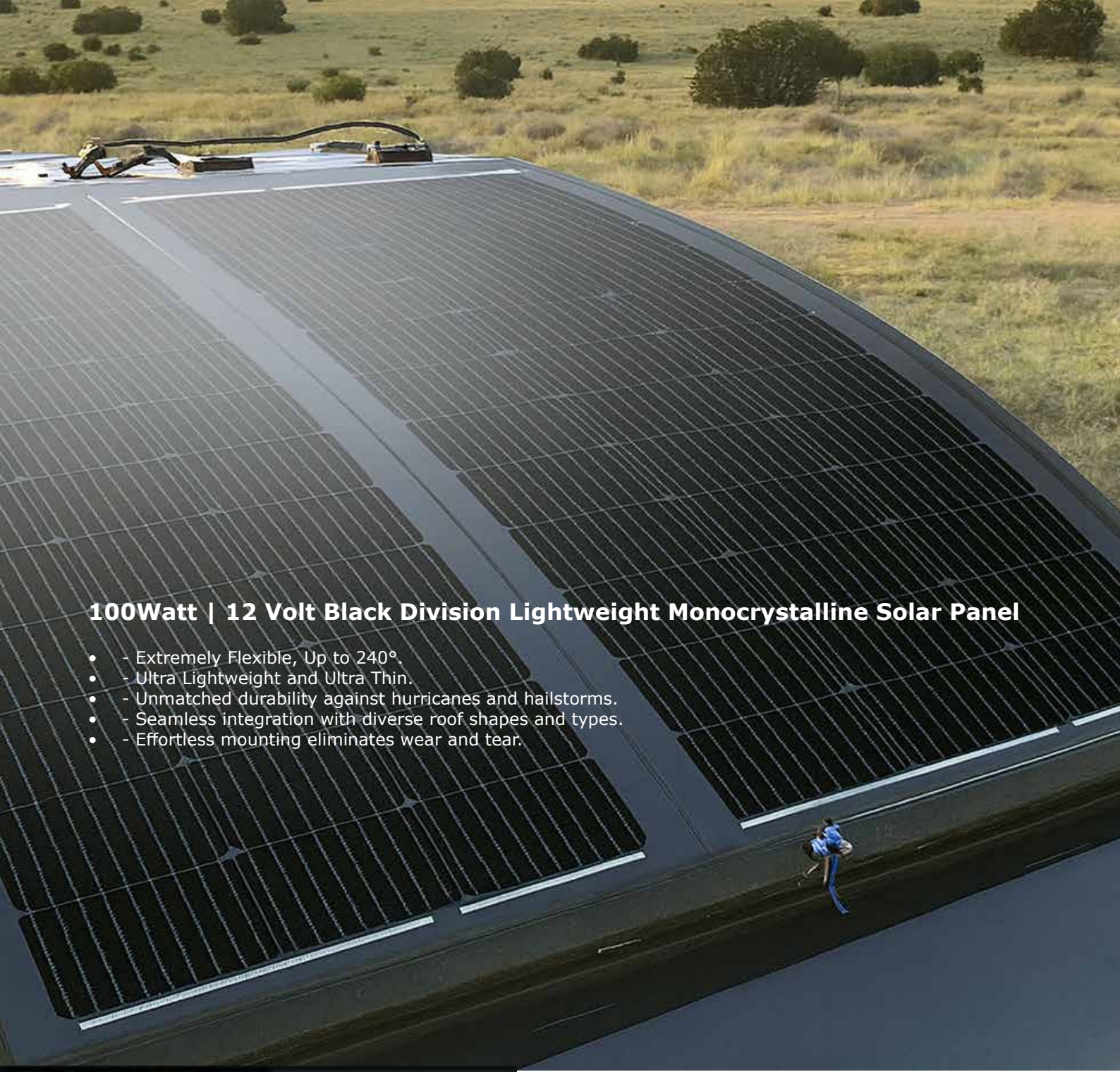
100Watt | 12Volt Flexible Monocrystalline Solar Panel

RNG-100DB-H			
GENERAL INFORMATION		**Product code**	**Price Excluding VAT**
Maximum Power at STC*	100W	GET A QUOTE **RNG-100DB-H** DOWNLOAD	**R1 630**
Optimum Operating Voltage (Vmp)	20.7V		
Optimum Operating Current (Imp)	4.84A		
Open Circuit Voltage (Voc)	24.4V		
Short Circuit Voltage (Isc)	5.16A		
Module Efficiency	15.7%		
Maximum System Voltage	600 VD		

200Watt | 12Volt Flexible Monocrystalline Solar Panel

RNG-100DB-H			
BUILT-IN COMPONENTS		**Product code**	**Price Excluding VAT**
Maximum Power at STC	200W	GET A QUOTE **RSP200DB-72** DOWNLOAD	**R3 284**
Optimum Operating Voltage (Vmp)	20.1V		
Optimum Operating Current (Imp)	10.02A		
Open Circuit Voltage (Voc)	23.9V		
Short Circuit Voltage (Isc)	10.74A		
Module Efficiency	16.7%		
Maximum System Voltage	600 VD		





100Watt | 12 Volt Black Division Lightweight Monocrystalline Solar Panel

- - Extremely Flexible, Up to 240°.
- - Ultra Lightweight and Ultra Thin.
- - Unmatched durability against hurricanes and hailstorms.
- - Seamless integration with diverse roof shapes and types.
- - Effortless mounting eliminates wear and tear.



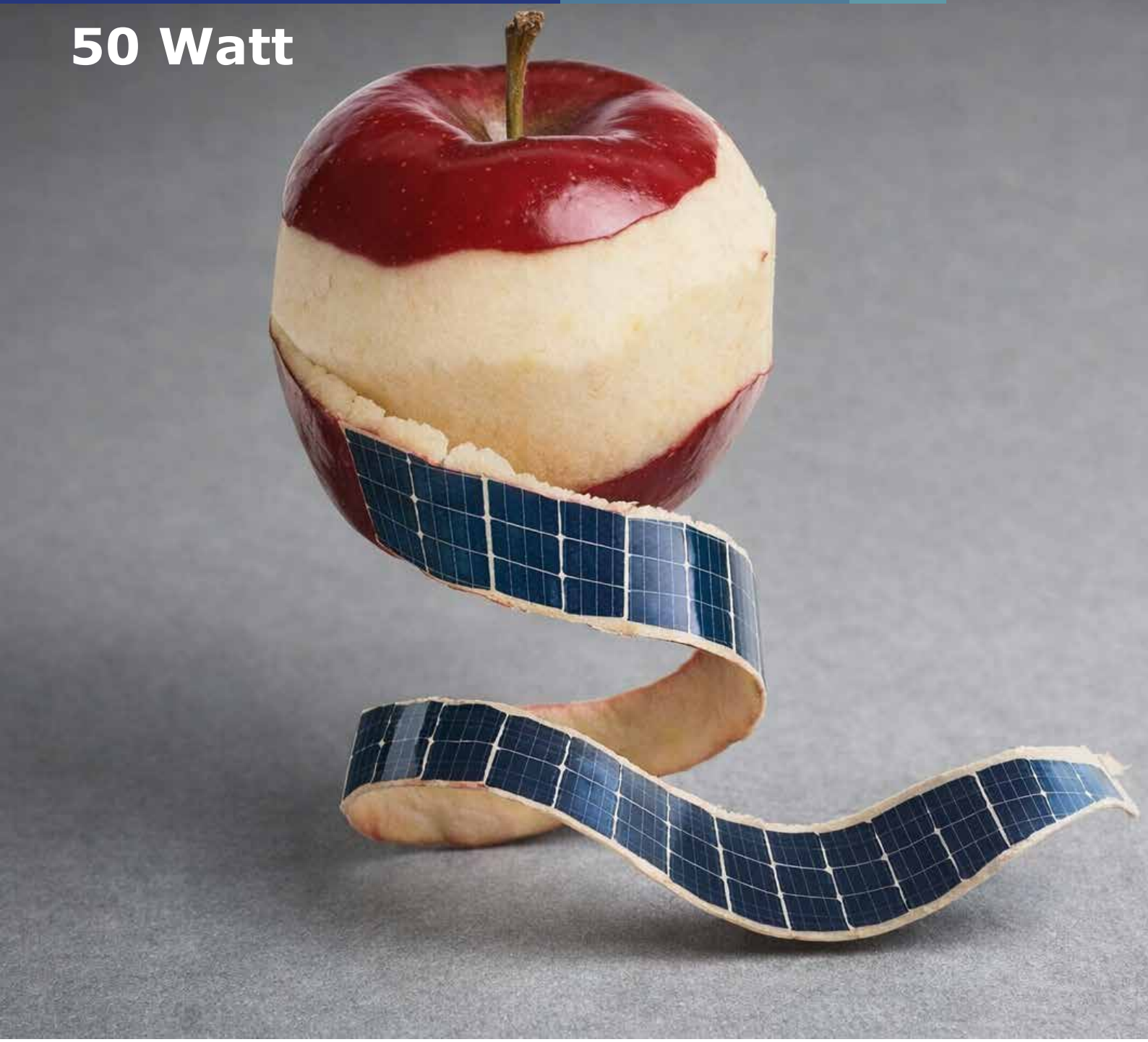
Perfect for Curved Surfaces
It works with most curved surfaces, bending up to 240 degrees.

Presenting an all-black glare-free appearance.

RSP100DL-36			
BUILT-IN COMPONENTS		**Product code**	**Price Excluding VAT**
Maximum Power at STC	100W	GET A QUOTE **RSP100DL-36** DOWNLOAD	**R1 659**
Optimum Operating Voltage (Vmp)	19.4V		
Optimum Operating Current (Imp)	5.20A		
Open Circuit Voltage (Voc)	23.5V		
Short Circuit Voltage (Isc)	5.51A		
Module Efficiency	15.7%		
Maximum System Voltage	600 VD		

Flexi Solar Panel SPECS

50 Watt



50Watt | 12 Volt Flexible Monocrystalline Solar Panel

- The 50 watt solar panel can bend up to 248 degrees.
- 60% lighter than its rigid counterpart.
- A stunning 85% thinner than its rigid counterpart.
- PERC cells, Half-Cell cut, advancing lamination structure.
- Fearless of extreme climates, backup your brave journey.

RNG-50DB-H-G3-SA			
BUILT-IN COMPONENTS		**Product code**	**Price Excluding VAT**
Maximum Power at STC	50 W±3%	GET A QUOTE **RNG-50DB-H-G3-SA** DOWNLOAD	**R953**
Optimum Operating Voltage (Vmp)	20.3 V		
Optimum Operating Current (Imp)	2.47 A		
Open Circuit Voltage (Voc)	24.3 V		
Short Circuit Voltage (Isc)	2.75 A		
Maximum Series Fuse Rating	15 A		
Maximum System Voltage	600 VD		

30 Watt - Perfect for Camping!



E.FLEX 30W portable solar panel

23% Power efficiency ensures optimal energy usage.Withstands hidden cracks, preserving outdoor performance. Compact, folds down to a size equivalent to that of a small laptop.

RNG-50DB-H-G3-SA			
BUILT-IN COMPONENTS		**Product code**	**Price Excluding VAT**
Maximum Power at STC	30 W	GET A QUOTE **RPP30EF-SE-G1-SA** DOWNLOAD	**R822**
Open Circuit Voltage	19.04V		
Short Circuit Current	1.97A		
Optimum Operating Voltage	15.96V		
Optimum Operating Current	1.88A		

NEW



Renogy 150Watt CIGS Flexible Solar Panel

Unmatched durability against hurricanes and hailstorms. Delivers exceptional energy yield even in partial shading. Seamless integration with diverse roof shapes and types. Effortless adhesive mounting eliminates wear and tear. Minimizes roof stress for enhanced stability.



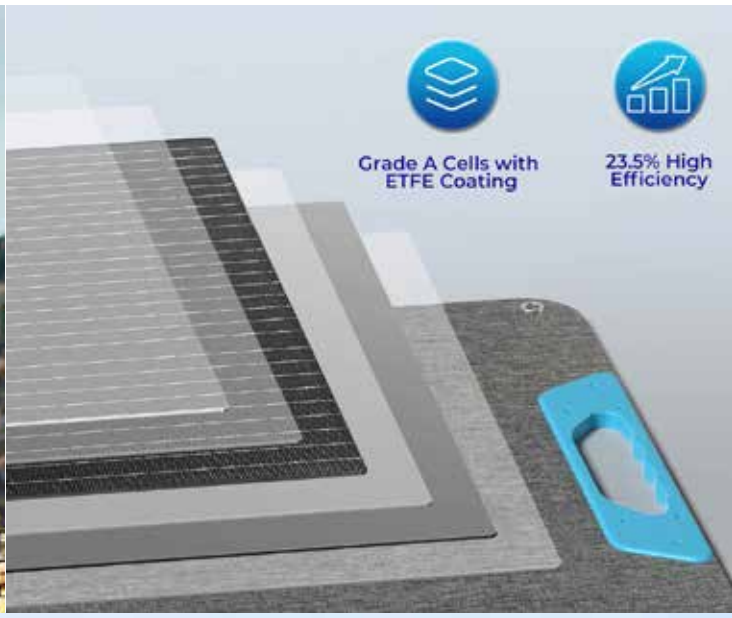


RSP150MCB-BB-T		
Module Performance	**Product code**	**Price Excluding VAT**
Max Power at STC: 150W	GET A QUOTE **RSP150MCB-BB-T-G1-SA** DOWNLOAD	**R7 004**
Open Circuit Voltage: 23.75V		
Optimum Operating Voltage: 18.66V		
Maximum System Voltage: 600VDC		
Maximum Series Fuse Rating: 15A		
Optimum Operating Current: 8.04A		
Maximum Series Fuse Rating: 15A		

Portable Solar Panel







Outdoor-Ready Design

Reliable solar power, wherever your adventures take you







Lightweight
Portable Solar Panel





Renogy 150Watt CIGS Flexible Solar Panel

Unmatched durability against hurricanes and hailstorms. Delivers exceptional energy yield even in partial shading. Seamless integration with diverse roof shapes and types. Effortless adhesive mounting eliminates wear and tear. Minimizes roof stress for enhanced stability.

RSP100LSC-1-SA			
Module Performance	**Specs**	**Product code**	**Price Excluding VAT**
Max Power at STC	100W	GET A QUOTE **RSP100LSC-1-SA** DOWNLOAD	**R2 491**
Open Circuit Voltage	21.6V		
Short Circuit Current	5.83A		
Optimum Operating Voltage	18.7V		
Optimum Operating Current	5.4A		

Renogy 300W N-type compact Suitcase

- Just 18.74 lbs, smaller and lighter than before.
- Industry-leading efficiency with durable fiberglass construction.
- It is IP67-rated with robust kickstands built for outdoor use.
- 3-Year warranty on materials and workmanship.
- Sets up in one minute and works with most portable power stations.

RSP300LSC-G1-SA			
Module Performance	**Specs**	**Product code**	**Price Excluding VAT**
Max Power at STC	300W	GET A QUOTE **RSO300LSC-G1-SA** DOWNLOAD	**R6 051**
Open Circuit Voltage	30.03V		
Short Circuit Current	12.6A		
Optimum Operating Voltage	25.2V		
Optimum Operating Current	11.9A		

Renogy 400W Lightweight Portable Solar Suitcase

- Sleek, portable, and foldable, weighing just 30.2 lbs.
- Superior fiberglass material used for sustainability
- IP68 solar connectors and aluminum kickstands for easy setup
- Unmatched durability with ≥IP67 protection & ETFE coating
- 3-year standard warranty + 2-year extended warranty.

RSP400LSC-G1-SA			
Module Performance	**Specs**	**Product code**	**Price Excluding VAT**
Max Power at STC	400W	GET A QUOTE **RSP400LSC-G1-SA** DOWNLOAD	**R8 136**
Open Circuit Voltage	47.2V		
Short Circuit Current	11A		
Optimum Operating Voltage	40V		
Optimum Operating Current	10A		



Renogy 100W rigid solar panel

RNG-100DB-H			
Module Performance	**Specs**	**Product code**	**Price Excluding VAT**
Max Power at STC	100W	GET A QUOTE **RSP100DC-G1-SA** DOWNLOAD	**R1 234**
Open Circuit Voltage	24.3V		
Short Circuit Current	5.21A		
Optimum Operating Voltage	20.4V		
Optimum Operating Current	4.91A		



Renogy 200W rigid solar panel

RSP200D			
Module Performance	**Specs**	**Product code**	**Price Excluding VAT**
Max Power at STC	200W	GET A QUOTE **RSP200D** DOWNLOAD	**R2 181**
Open Circuit Voltage	23V		
Short Circuit Current	11.05A		
Optimum Operating Voltage	19.2V		
Optimum Operating Current	10.42A		

200W Portable Solar Panel Suitcase w/ 20A PWM Controller



200W solar suitcase, 20A waterproof Voyager charge controller, and alligator clips are included Grade A+ monocrystalline solar cells for optimal output Safe and efficient charging with PWM charge controllers Set up easily for outdoor and off-grid use 3-year materials and workmanship warranty.



RNG-KIT-STCS200DVOY20-G2-SA
R5 438.00

Double sided panels SPECS



Renogy 220W double sided solar panels

The Bifacial 220W solar panels offer more power and durability. Corrosion-resistant aluminum frame. Larger cell size and conversion efficiency for more Bifacial 220W Monocrystalline Solar Panel power output per surface area.

RSP220DT			
Module Performance	**Specs**	**Product code**	**Price Excluding VAT**
Max Power at STC	220W	DOWNLOAD **RSP220DT** GET A QUOTE	**R2 090**
Open Circuit Voltage	18.78V		
Short Circuit Current	12.24A		
Optimum Operating Voltage	21.86V		
Optimum Operating Current	13.41A		

Bifacial panels SPECS

Renogy 250W bifacial solar panels

The Bifacial 250W solar panels offer more power and durability. Corrosion-resistant aluminum frame. Larger cell size and conversion efficiency for more power output per surface area.

RSP250DCT			
Module Performance	**Specs**	**Product code**	**Price Excluding VAT**
Max Power at STC	250W	GET A QUOTE **RSP250DCT** DOWNLOAD	**R2 117**
Open Circuit Voltage	19.52V		
Short Circuit Current	12.81A		
Optimum Operating Voltage	22.35V		
Optimum Operating Current	13.49A		









Renogy E.FLEX-SE 30W portable solar panels

RPP100EF-SE-G2-SA			
Module Performance	**Specs**	**Product code**	**Price Excluding VAT**
Max Power at STC	30W	GET A QUOTE **RPP30EF-SE-G1-SA** DOWNLOAD	**R822**
Open Circuit Voltage	19.04V		
Short Circuit Current	1.97A		
Optimum Operating Voltage	15.96V		
Optimum Operating Current	1.88A		

Renogy E.FLEX-SE 100W portable solar panels

RPP100EF-SE-G2-SA			
Module Performance	**Specs**	**Product code**	**Price Excluding VAT**
Max Power at STC	100W	GET A QUOTE **RPP100EF-SE-G2-SA** DOWNLOAD	**R1 867**
Open Circuit Voltage	23.40V		
Short Circuit Current	5.26A		
Optimum Operating Current	4.96V		
Open Circuit Voltage	23.40A		



Renogy 200W Portable Solar Panel

- 23.5% High Power Conversion efficiency.
- Durable Grade A solar battery cells and ETFE coating.
- Portable, lightweight, and easy to set up outdoors.
- 4 mounting holes simplify the set-up process.
- Multiple output ports for different use cases.

RPP200EF-SE-G2-SA			
Module Performance	**Specs**	**Product code**	**Price Excluding VAT**
Max Power at STC	200W	**RPP200EF-SE-G2-SA**	GET A QUOTE **R3 445** DOWNLOAD
Open Circuit Voltage	23.40V		
Short Circuit Current	10.50A		
Optimum Operating Current	20.16V		
Open Circuit Voltage	9.92A		

REGO 12V 400AH

LITHIUM IRON PHOSPHATE BATTERY

Massive Capacity, Longer Lifespan, More Powerful Than Ever Before

5.12 KWh 5.12kWh Capacity

3800 3800 Cycles

10+ Years 10+ Years Lifespan



Renogy REGO-12V 400Ah Smart Lithium Battery Bundle Kit

Renogy REGO 12V 400Ah Lithium Iron Phosphate Battery, boasting a massive 5.12kWh capacity and offering unmatched expansion potential. Manufactured with top-grade cells, this battery delivers an exceptional lifespan of over 3800 cycles, making it a reliable and long-lasting energy solution. With the extruded aluminum housing providing excellent heat conductivity, strength, and durability, this battery is built for rugged performance in all environments.



The Smart Choice for Off-Grid Living

- Ideal for off-grid applications, energy storage, and backup power systems.
- Perfect for campers, RV enthusiasts, tiny homes, and residential solar setups.
- Expandable capacity for future growth.

With the Renogy REGO 12V 400Ah Lithium Iron Phosphate Battery, you're not just upgrading your power source – you're investing in a smarter, more reliable, and expandable energy solution for all your off-grid needs.

RBB12400LFPL-0140SR-SA			
Module Performance	**Specs**	**Product code**	**Price Excluding VAT**
Rated Capacity	400Ah	**RBB12400LF-PL-0140SR-SA**	GET A QUOTE **R35 718** DOWNLOAD
Voltage	12V		
Voltage Range	10-14.8V		
Energy	5120Wh		
Cycle Life	6000 Cycles at 80% DOD		

Renogy 12V | 100Ah Smart Lithium Ion battery with self heating function

RBT12100LFP-BT G1-SA			
Module Performance	**Specs**	**Product code**	**Price Excluding VAT**
Rated Capacity	100Ah	**RBT12100LFP-BT G1-SA**	GET A QUOTE **R6 127** DOWNLOAD
Voltage	12.8V		
Voltage Range	10V~14.8V		
Maximum Continuous Charging Current	50A		
Maximum Continuous Discharging Current	100A		

Renogy 12V | 200Ah Smart Lithium Ion battery with self heating function

RBT12200LFP-BT-G1-SA			
Module Performance	**Specs**	**Product code**	**Price Excluding VAT**
Rated Capacity	200Ah	**RBT12200LFP-BT-G1-SA**	GET A QUOTE **R11 107** DOWNLOAD
Voltage	12.8V		
Voltage Range	10V~14.8V		
Maximum Charge Current	200A		
Maximum Discharge Current	200A		



MINI SERIES

Renogy 12V | 100Ah Core series Deep cycle Lithium Ion battery

RBT12100LFP-M-G1-SA			
Module Performance	**Specs**	**Product code**	**Price Excluding VAT**
Rated Capacity	100Ah	**RBT12100LFP-M-G1-SA**	GET A QUOTE R3 772 DOWNLOAD
Voltage	12.8V		
Voltage Range	10V~14.8V		
Maximum Continuous Charging Current	50A		

MINI SERIES

Renogy 12V | 200Ah Core series Deep cycle Lithium Ion battery

RBT12200LFP-M-G1-SA			
Module Performance	**Specs**	**Product code**	**Price Excluding VAT**
Rated Capacity	200Ah	**RBT12200LFP-M-G1-SA**	GET A QUOTE R8 267 DOWNLOAD
Voltage	12.8V		
Voltage Range	10V~14.8V		
Energy	2560Wh		

Lithium Battery - mini

SPECS

Renogy 12V | 300Ah Core series Deep cycle Lithium Ion battery



- Lighter than ever at 55.1 lb. 57% lighter than 12V 200Ah lead-acid.
- Low-temperature protection (charge <32°F, discharge < -4°F).
- Compact design! 31% smaller than other 12V 300Ah LFP batteries.
- 5-year warranty. Certified by FCC, CE, ROHS, UKCA, and more.
- Grade-A prismatic LiFePO4 cells offer 5000+ cycles at 80% DOD.
- 3840Wh capacity. Max 4P4S, expandable to 61.44kWh.

MINI SERIES

RBT12300LFP-M-G1-SA			
Module Performance	**Specs**	**Product code**	**Price Excluding VAT**
Rated Capacity	300Ah	**RBT12300LFP-M-G1-SA**	GET A QUOTE **R9 226** DOWNLOAD
Voltage	12V		
Voltage Range	10V~14.8V		
Peak Discharge Current	380A@10s		





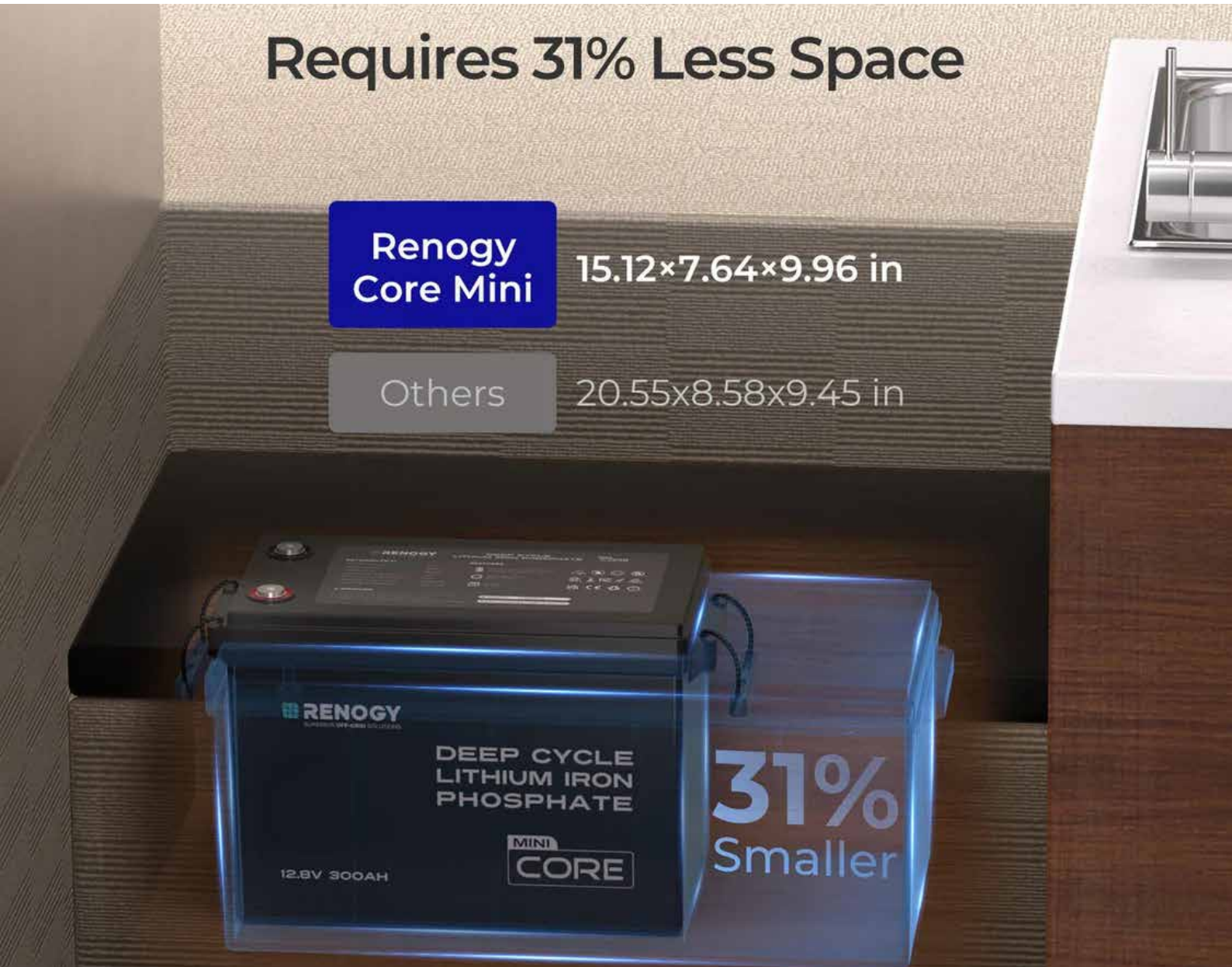














Super Slim Solid State Batteries

Inherently Safe & Stable
The new Renogy slimline LiFePO4 battery introduces revolutionary solid electrolytes, ensuring that the battery does not swell or burn when getting punctured or crushed.

Super-Slim Design. Effortless Installation
As thin as 2.4 inch / 61 mm, the Renogy Slimline LiFePO4 Battery can snugly fit into the back of seat, under seat cabins, or other tight spaces in overlanding vehicles.



Built Tough for the Wild
When the off-road life calls, the Renogy Slimline LiFePO4 battery is ready to answer. Its rugged IP67-rated enclosure protects against dust, water, and the elements, so you can confidently tackle any terrain. The added UL94 V-0 fire-resistant rating provides critical safety, letting you focus on the thrill of the adventure.

Renogy REGO - 12.8V 104Ah Super Slim Lithium Iron Phosphate Battery

RBT12104LFP-SSL-BT-G1-SA			
Module Performance	**Specs**	**Product code**	**Price Excluding VAT**
Rated Capacity	104Ah	**RBT12104LFP-SSL-BT-G1-SA**	GET A QUOTE **R9 486** DOWNLOAD
Maximum Charge Current	100A		
Nominal Voltage	12.8V		
Maximum Discharge Current	200A		
Peak Discharge Current	290A@30s		

Renogy 135Ah Under Seat Lithium Battery



A new exciting battery solution from Renogy for 2025

LiFePO4 battery designed to fit under seats in van conversions

These Renogy batteries Smart Pro liFePO4 batteries come with advanced features including Bluetooth connectivity Canbus integration, and a heating system for reliable performance even in low temperatures.

RBT12135LFP-SHBT-G1-SA			
Module Performance	**Specs**	**Product code**	**Price Excluding VAT**
Rated Capacity	135Ah	**RBT12135LFP-SHBT-G1-SA**	GET A QUOTE **R7 314** DOWNLOAD
Maximum Charge Current	135A		
Peak Discharge Current	350A @3S		
Connection Method	Parallel (Up to 8)		
Cycle Life	Over 4000 Cycles		

Renogy 200Ah Under Seat Lithium Battery



These Renogy batteries Smart Pro liFePO4 batteries come with advanced features including Bluetooth connectivity Canbus integration, and a heating system for reliable performance even in low temperatures.

- 200Ah
- 12.8V
- Over 4000 cycle life
- IP65 rated

RBT12200LBT-G1-SA			
Module Performance	**Specs**	**Product code**	**Price Excluding VAT**
Rated Capacity	200Ah	**RBT12200LBT-G1-SA**	GET A QUOTE **R11 107** DOWNLOAD
Maximum Charge Current	200A		
Nominal Voltage	12.8V		
Connection Method	Parallel (Up to 8)		
Cycle Life	Over 4000 Cycles		

Renogy 500Ah Under Seat Lithium Battery

These Renogy batteries Smart Pro liFePO4 batteries come with advanced features including Bluetooth connectivity Canbus integration, and a heating system for reliable performance even in low temperatures.

- 500Ah
- 12.8V
- Over 3500 cycle life
- IP65 rated



RBT12500LFP-SHBT-G1-SA			
Module Performance	**Specs**	**Product code**	**Price Excluding VAT**
Rated Capacity	500Ah	**RBT12500LFP-SHBT-G1-SA**	GET A QUOTE **R20 666** DOWNLOAD
Voltage range	12V - 14.8V		
Nominal Voltage	12.8V		
Connection Method	Parallel (Up to 8)		

Renogy 50Ah |48V SMART Lithium Battery

The latest 48V Renogy Lithium Iron Phosphate Battery is taking the smart batteries to the next level. With built-in intelligent self-heating, you can keep your battery charged in cold environments effortlessly. The 48V nominal voltage ensures more than 4500 life cycle, low heat generation and high efficiency during high power transmission.



RBT50LFP48S-G2-SA			
Module Performance	**Specs**	**Product code**	**Price Excluding VAT**
Rated Capacity (0.2C)	50Ah	**RBT50LFP48S-G2-SA**	GET A QUOTE **R15 230** DOWNLOAD
Nominal Voltage	48V		
Voltage Range	42V~55.5V		
Rated Charge/Discharge Current	25A		
Maximum Charge/Discharge Current	50A		

Renogy 12.8V | 400Ah Lithium Battery

Time to meet the latest Renogy REGO 12V 400A Lithium Iron Phosphate Battery, 5.12kWh massive capacity able for expansion, provide more power than ever before. Manufactured with top-grade cells, the battery provides an exceptional lifespan of more than 3800 cycles. Advanced BMS provides unprecedented over 60 types of full protections in the market, ensures ultra-reliability and safety, and leads smart batteries to the next era. With built-in intelligent self-healing, keep the stable charging performance of the battery in cold environments effortlessly. Upgrade your off-grid adventures with this powerful and smart battery.



RBT12400LFPL-SHBT-G1-SA			
Module Performance	**Specs**	**Product code**	**Price Excluding VAT**
Rated Capacity (0.2C)	400Ah	**RBT12400LFPL-SHBT-G1-SA**	GET A QUOTE **R35 189** DOWNLOAD
Nominal Voltage	12.8V		
Boost Voltage	14.4V		
Maximum Discharge Current	350A		
Cycle Life	3800 Cycles		



24V 25Ah Lithium Iron Phosphate Battery

No more heavy lifting! The Renogy 24V 50Ah Lithium Iron Phosphate Battery is designed for the drop-in replacement of AGM and GEL batteries, provides one-stop power solution for your 24V power system. It features exceptional 3500 cycles (80% DOD) and more than 10 years lifespan, built-in BMS system for better protection, IP65 waterproof, and fast charging speed. A safe and reliable power supply for RV, camper, marine, trolling motor, golf carts, floor scrubber, electric pallet jack, and other off-grid systems.



RBT2425LFP-G1-SA			
Module Performance	**Specs**	**Product code**	**Price Excluding VAT**
Rated Capacity (0.2C)	25Ah	**RBT2425LFP-G1-SA**	GET A QUOTE **R3 689** DOWNLOAD
Nominal Voltage	25.6V		
Charge Voltage	29.0V±		
Connection Method	Parallel (Up to 8)		
Maximum Charge/Discharge Current	50A		

24V 50Ah Lithium Iron Phosphate Battery

One-step power solution for your 24V power system. The Renogy 24V Lithium Iron Phosphate Battery is designed for the drop-in replacement of AGM and GEL batteries. Upgrade your power system with this light, compact, safe and powerful 24V LiFePO4 Battery. Offer an exceptional life span of 5 years and more than 2000 cycles, built-in BMS system for safe charging and discharging, IP65 waterproof, and fast charging speed. It can be utilized for golf carts, medical computer carts, wheelchairs, electric pallet jacks, and other off-grid systems.



RBT2425LFP-G1-SA			
Module Performance	**Specs**	**Product code**	**Price Excluding VAT**
Rated Capacity (0.2C)	25Ah	**RBT2425LFP-G1-SA**	GET A QUOTE **R3 689** DOWNLOAD
Nominal Voltage	25.6V		
Charge Voltage	29.0V±		
Connection Method	Parallel (Up to 8)		
Maximum Charge/Discharge Current	25A		

12V 100AH | SMART LITHIUM IRON PHOSPHATE BATTERY W/ SELF-HEATING FUNCTION

GET A QUOTE

R8 231 excluding VAT
RBT100LFP12SH-G2-SA

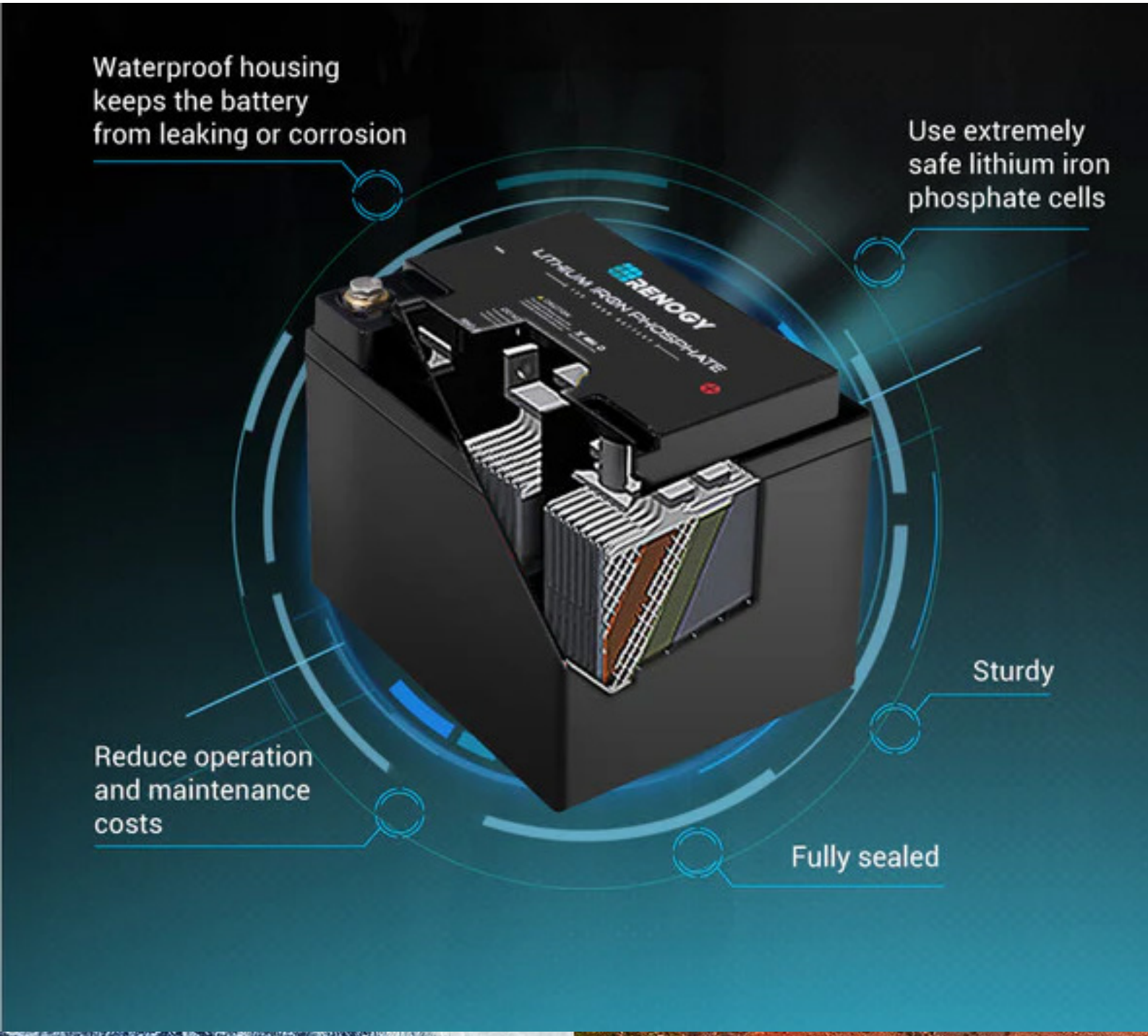
DOWNLOAD

The Renogy Smart Lithium Iron Phosphate Battery enables auto-balance among parallel connections and provides more flexibility for battery connection. The integrated smart battery management system (BMS) , state-of-the-art battery cells and self-heating function ensure a long cycle life and exceptional discharge performance.



AGM Battery

SPECS







Renogy 20A | AC-DC battery charger

RBC20A1P-G2-SA			
Module Performance	**Specs**	**Product code**	**Price Excluding VAT**
Rated Input Voltage	100-240 VAC 50/60 Hz	**RBC20A1P-G2-SA**	GET A QUOTE **R2 155** DOWNLOAD
Rated Charge Current	20		
Self Consumption	50 mA		
Battery Input Voltage Range	11VDC~16VDC		
Maximum Charge Power	340 W (12V Battery)		

AC-DC Battery charger SPECS

Renogy 35A | AC-DC battery charger

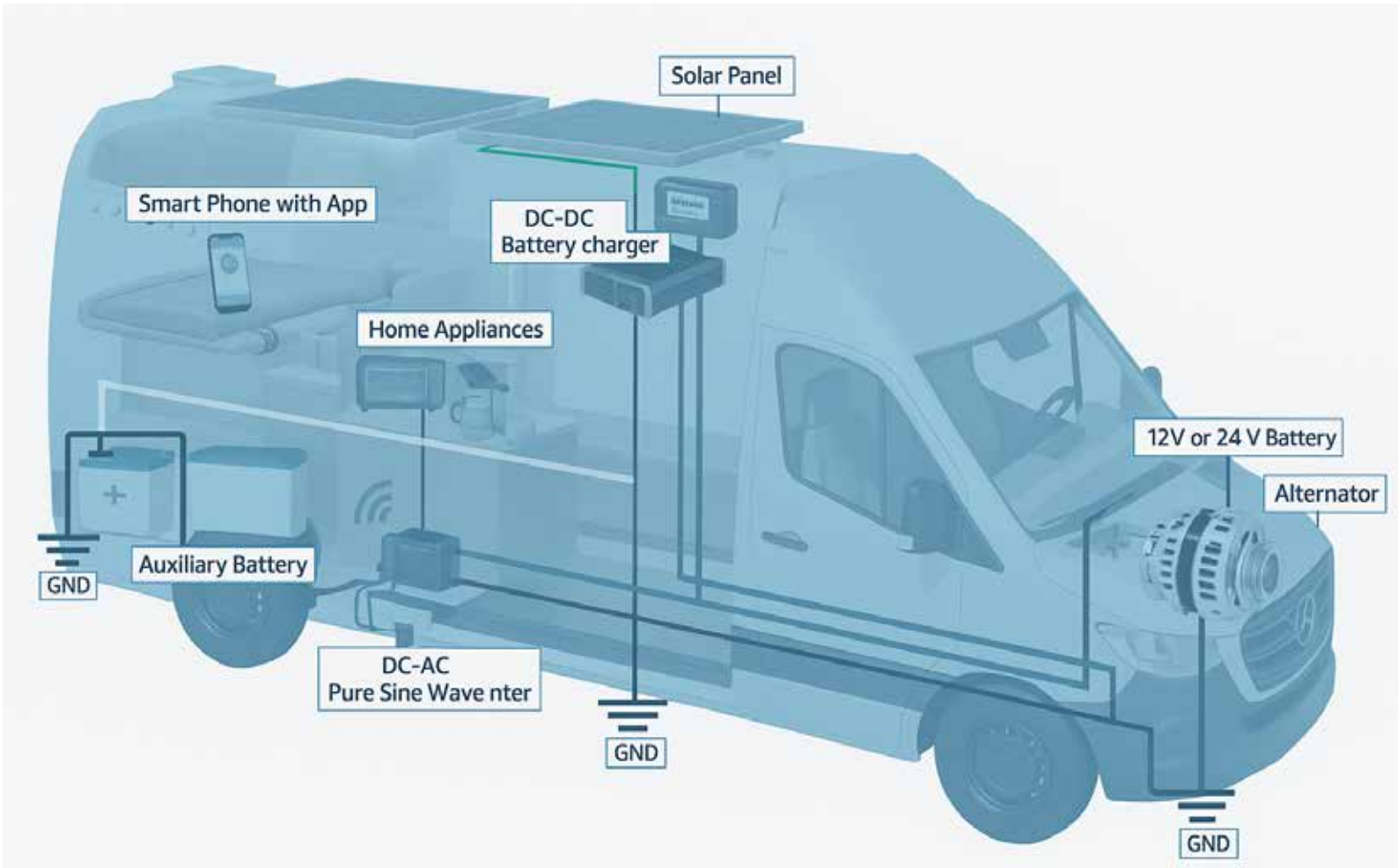


The Renogy REGO 12V 35A AC-DC smart battery charger is a compact and high-efficiency solution for charging a wide variety of 12V battery types.

Designed for demanding off-grid, backup, and mobile energy systems, the REGO charger combines intelligent charging control with robust safety features and optional Bluetooth connectivity for real-time monitoring.

RACC35A1W-G1-SA			
Module Performance	**Specs**	**Product code**	**Price Excluding VAT**
Input Voltage	230V AC	**RACC35A1W-G1-SA**	GET A QUOTE R2 653 DOWNLOAD
Output Voltage	12V DC		
Charges the following battery types	AGM SLD Gel FLD LI		

DC-DC Battery charger SPECS



DC-DC Battery charger SPECS

12V | 20A DC to DC Battery Charger



- Alternator running detection safeguards the starter battery.
- Simple and compact layout for easy installation.
- BT-2 Bluetooth enables remote monitoring, records 365-day data.
- Advanced protections ensure efficient & safe charging.
- Li Battery Activation On/Off offers customizable performance.

RBC20D1U-G1-SA			
Module Performance	**Specs**	**Product code**	**Price Excluding VAT**
System Voltage	12V-12V	**RBC20D1U-G1-SA**	GET A QUOTE **R1 372** DOWNLOAD
Alternator Input Voltage	Traditional Alternator: 13.2-16.0VDC Smart Alternator (Euro 6): 12-16.0VDC		
Maximum Output Current Rating	20A		
Output Power	292W		
Input Fuse Rating	40A		

RBC50D1S-G6-SA			
Module Performance	**Specs**	**Product code**	**Price Excluding VAT**
System Voltage	12V-12V	**RBC50D1S-G6-SA**	**R3 262**
Alternator Input Voltage	raditional Alternator: 13.2-16VDC ; Smart Alternator (Euro 6): 12-16VDC		
Maximum Output Current Rating	50A		
Input Fuse Rating	75A-100A		

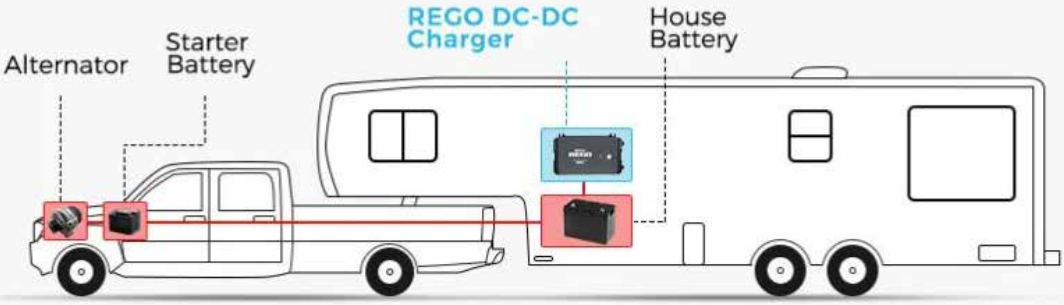
12V | 60A DC-DC Battery Charger



- Add Renogy ONE Core for smart, real-time energy monitoring.
- Charges house and starter batteries while driving.
- Anderson terminals reduce installation time by 60%!
- 4-stage charging boosts efficiency and extends battery life.
- Works with AGM, SLD, Flooded, Gel, & Lithium batteries.
- Overvoltage, overtemperature, & reverse polarity protection.

RBC1260DO-12B-G1-SA			
Module Performance	**Specs**	**Product code**	**Price Excluding VAT**
System Voltage	12V	**RBC1260DO-12B-G1-SA**	GET A QUOTE **R4 052** DOWNLOAD
Rated Max Charge Powe	800W		
Max.Alternator Input Voltage	16V		
Max.Alternator Input Current	70A		
Max.Alternator Input Power	800W		

SUGGESTED FITMENT ON FIFTH-WHEEL TRAVEL TRAILERS



12V/24V IP67 50A DC-DC Battery Charger with MPPT

The Renogy IP67 50A DC-DC Dual Input Battery Charger with MPPT is a slim and waterproof solution for tight spaces. With intelligent boost and buck logic, this charger supports 12V/24V-12V/24V systems and prioritizes solar energy to efficiently charge your house battery and reduce generator load. It has a current of 50A and an output of 720W, automatically switching between solar and generator power for continuous charging. Designed for the environmentally conscious user, it strikes a balance between energy efficiency and spaciousness and performance. Transform sustainable energy with Renogy's cutting-edge technology.

RBC2125DS-21W-G2-SA			
Module Performance	**Specs**	**Product code**	**Price Excluding VAT**
System Voltage	12V/24V - 12V/24V	**RBC2125DS-21W-G2-SA**	GET A QUOTE R3 627 DOWNLOAD
Output Voltage	9-32 VDC		
Maximum Output Current Rating	12V@50A ; 24V@25A		
Output Fuse Rating	75A-100A		
Output Power	720W		



DC-DC Battery charger SPECS



30A | DC-DC On-Board Battery Charger with MPPT

· Enhanced heat dissipation and safety.
· Maximum solar panel input voltage has been upgraded to 50V.
· Versatile connections for DIY solar panel setups.
· Optimized charging logic for a significant efficiency boost.
· Control charging via the DC Home app.

RBC30D1S-G3-SA			
Module Performance	**Specs**	**Product code**	**Price Excluding VAT**
System Voltage	12V-12V	**RBC30D1S-G3-SA**	GET A QUOTE **R2 677** DOWNLOAD
Output Voltage	50 VDC		
Alternator Input	Traditional Alternator: 13.2-16 VDC Smart Alternator (Euro 6): 12-16 VDC		
Output Power	660W		
Input Fuse Rating	75A-100A		

40A | DC-DC On-Board Battery Charger with MPPT

RBC40D1U-G2-SA			
Module Performance	**Specs**	**Product code**	**Price Excluding VAT**
System Voltage	12V-12V	**RBC40D1U-G2-SA**	GET A QUOTE **R1 815** DOWNLOAD
Solar Input Voltage	10-16 VDC		
Alternator Input	Traditional Alternator: 13.2-16.0VDC Smart Alternator (Euro 6): 12-16.0VDC		
Output Power	616W		
Input Fuse Rating	60A		

DC-DC Battery charger SPECS

50A | DC-DC On-Board Battery Charger with MPPT

· Enhanced heat dissipation and safety.
· Maximum solar panel input voltage has been upgraded to 50V.
· Versatile connections for DIY solar panel setups.
· Optimized charging logic for a significant efficiency boost.
· Control charging via the DC Home app.

RBC50D1S-G6-SA			
Module Performance	**Specs**	**Product code**	**Price Excluding VAT**
System Voltage	12V-12V	**RBC50D1S-G6-SA**	GET A QUOTE R3 262 DOWNLOAD
Output Voltage	50 VDC		
Alternator Input	Traditional Alternator: 13.2-16 VDC Smart Alternator (Euro 6): 12-16 VDC		
Output Power	660W		
Input Fuse Rating	75A-100A		



20A | DC-DC On-Board Battery Charger

RNG-DCC1212-20-G1-SA			
Module Performance	**Specs**	**Product code**	**Price Excluding VAT**
Maximum Output Current Rating	20A	**RNG-DCC1212-20-G1-SA**	GET A QUOTE R1 326 DOWNLOAD
Output Power	292W		
Alternator Input	Traditional Alternator: 13.2-16.0VDC; Smart Alternator (Euro 6): 12-16.0VDC		
Output Power	616W		
Input Fuse Rating	40A		

DC-DC Battery charger SPECS

12V 40A DC to DC On-Board Battery Charger

Meet the Renogy 12V 40A DC to DC Battery Charger, the second generation of the DCC series. Built for the ultimate on-the-go charging experience, this state-of-the-art charger combines efficient energy utilization with smart control. It is compatible with both traditional and smart generators, safeguarding the batteries of your vehicle while reaching up to 94% charging efficiency. With advanced charging logic, the charger improves performance for better energy management. Stay on top of things through remote monitoring with the Renogy app to check system status at any time and from anywhere. Whether one is venturing out into the great outdoors or simply embracing the van life, the Renogy 12V 40A DC to DC Battery Charger is a reliable companion for efficient and effective charging.

- Alternator running detection safeguards the starter battery.
- Simple and compact layout ensures easy installation.
- BT-2 Bluetooth enables remote monitoring.
- Advanced protections ensure efficient and safe charging.
- Lithium Ion Battery Activation offers customization.



RBC40D1S-G1-SA			
Module Performance	**Specs**	**Product code**	**Price Excluding VAT**
System Voltage	12V-12V	**RBC40D1S-G1-SA**	GET A QUOTE R2 107 DOWNLOAD
Alternator Input Voltage	Traditional Alternator: 13.2-16.0VDC Smart Alternator (Euro 6): 12-16.0VDC		
Maximum Output Current Rating	40A		
Output Power	584		
Input Fuse Rating	60A		

12V 60A DC to DC On-Board Battery Charger

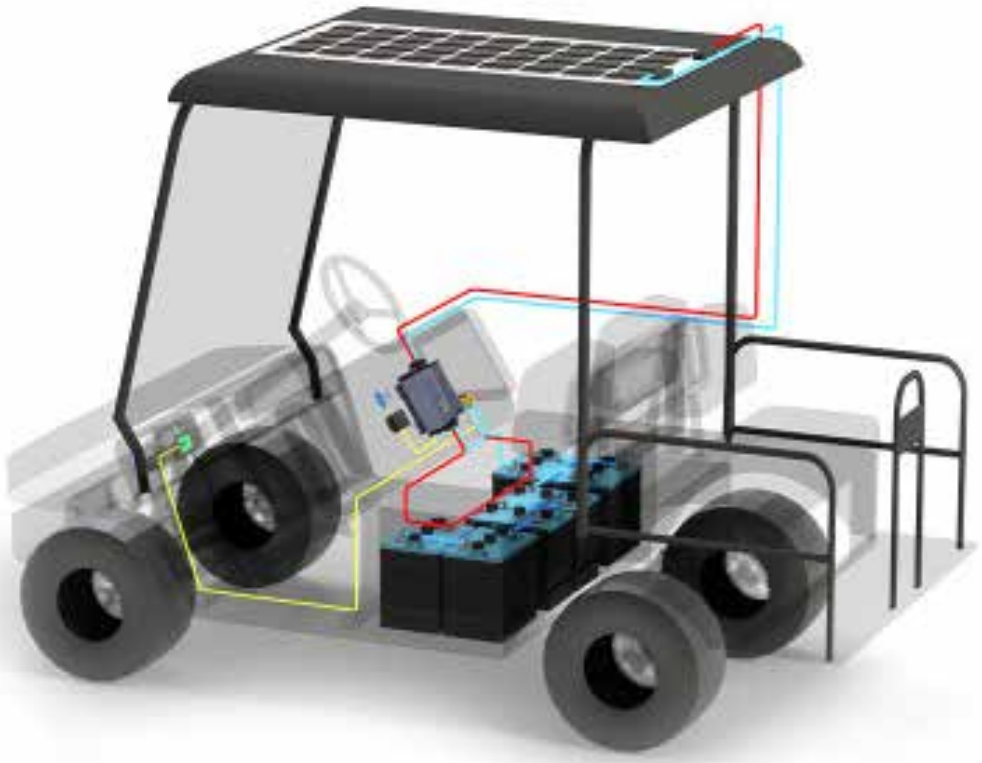
The DC-DC Battery Chargers are the most effective way to charge your house batteries from the starter battery. Compatible with a multitude of alternator types, the DC-DC battery charger offers correct charging for AGM, Flooded, Gel, and even Lithium deep cycle batteries.

-Compatible with AGM, Flooded, Gel, and Lithium batteries.
-Use 3-stage charging-Bulk, Boost, and Float to ensure charge to 100%.
-Includes comprehensive electronic protections for enhanced safety.
-Protect your starter battery.
-Compact and robust design with CE certification.



RNG-DCC1212-60			
Module Performance	**Specs**	**Product code**	**Price Excluding VAT**
System Voltage	12VDC	**RNG-DCC1212-60**	GET A QUOTE R2 529 DOWNLOAD
Rated Charge Current	60A		
Output	750W		
Boost Voltage	14.1-14.7V		
Float Voltage	13.2-13.8V		

Wide Range Applications for Increasing Driving Distance



Electric Vehicles | Golf carts | Scooters | Light Strike Vehicle

Secure Battery Installation

M8*30mm Battery Fixing Bolts (with nuts) × 4 VS No Fixing Bolts

Real-Time Charging Status

Additional Charger Indicator (with a 4.75ft / 1.45m cable) × 1 VS No Charger Indicator

Extra-Long Cables

9.8ft / 300cm Battery Indicator Communication Cable × 1 VS 1.48ft / 45cm Cable



36V/48V Rover Boost 10A MPPT Solar Charge Controller



The charge controller is a unique solution that allows you to charge 36V or 48V battery banks with 12V or 24V low voltage solar panels—specially designed for golf carts and electric vehicles. It helps increase your driving mile range and battery life using the power of solar and the Rover Boost.

RCC10RVRB-G1-SA			
Module Performance	**Specs**	**Product code**	**Price Excluding VAT**
Rated System Voltage	36V /48V, Auto Recognition (Non-Lithium)	**RCC10RVRB-G1-SA**	GET A QUOTE **R2 135** DOWNLOAD
Rated Charge Current	10A		
Battery Operating Range	30~65 VDC		
Max Input Current	35A		
Solar Input Voltage Range (VOC)	15~ 25VDC/36V 15~ 40VDC / 48V		

Rover Li 30 Amp MPPT Solar Charge Controller



The Rover Li 30A MPPT Charge Controller protects the battery from being over-charged by the solar modules and over-discharged by the loads. The controller features a smart tracking algorithm that maximizes the energy from the solar PV module(s) and charge the battery. At the same time, the low voltage disconnect function (LVD) will prevent the battery from over discharging.

RNG-CTRL-RVR30-BT-G3-SA			
Module Performance	**Specs**	**Product code**	**Price Excluding VAT**
Nominal System Voltage	12/24V	**RNG-CTRL-RVR30-BT-G3-SA**	GET A QUOTE **R1 862** DOWNLOAD
Rated Load Current	20A		
Max Solar Input Voltage	100V DC		
Max Solar Input Power	12V/400W, 24V/80oW		





MPPT Controller

SPECS



Rover Li 40 Amp MPPT Solar Charge Controller

The Rover Li 40A MPPT Charge Controller protects the battery from being over-charged by the solar modules and over-discharged by the loads. The controller features a smart tracking algorithm that maximizes the energy from the solar PV module(s) and charge the battery. At the same time, the low voltage disconnect function (LVD) will prevent the battery from over discharging.

RNG-CTRL-RVR40-BT-G3-SA			
Module Performance	**Specs**	**Product code**	**Price Excluding VAT**
Nominal System Voltage	12/24V	**RNG-CTRL-RVR40-BT-G3-SA**	GET A QUOTE **R1 954** DOWNLOAD
Rated Load Current	20A		
Max Solar Input Voltage	100V DC		
Max Solar Input Power	12V/400W, 24V/80oW		



MPPT Controller SPECS

New Edition Voyager 20A PWM Waterproof Solar Charge Controller



- Smart PWM with 4-stage charging for battery protection.
- IP67 waterproof design, operable in water spray or rain.
- Multiple protections.
- Auto detects 12V/24V with Gel, AGM, Flooded; Lithium option.
- LCD display for accurate info and error codes.

RCC20VOYP-G1-SA			
Module Performance	**Specs**	**Product code**	**Price Excluding VAT**
Nominal System Voltage	12/24V Auto-Detection (For Non-Lithium Batteries)	**RCC20VOYP-G1-SA**	GET A QUOTE **R583** DOWNLOAD
Rated Charge Current	20A		
PV Input Voltage Range	15V-55V		
Max. PV Input Power	12V@25V 24V@55V		

12V 60A MPPT Solar Charge Controller



- Add Renogy ONE Core for smart, real-time energy monitoring.
- Multiple protections on input and output terminals.
- Anderson terminals with adapter reduce install time by 60%.
- MPPT: 99% efficiency, 4-stage charging for battery health.
- Compatible with multiple types of batteries.
- Control via smartphone with Renogy DC Home App.
- Note: Connect to a NON-REGO house battery with selected

RCC60REGO-G2-SA			
Module Performance	**Specs**	**Product code**	**Price Excluding VAT**
Nominal System Voltage	12 V	**RCC60REGOG2-SA**	GET A QUOTE **R4 177** DOWNLOAD
Max. PV Input Power	800W		
Solar Input Voltage Range (VOC)	100 V		
Power Limiting Protection	Up to 800W/12V		

12V 60A MPPT Solar Charge Controller



- -99% tracking efficiency, 98% peak conversion efficiency.
- -Auto-detects 12V/24V system (non-lithium batteries).
- -Comprehensive protection to secure your system.
- -Safe and efficient charging with the 4-stage charging feature.
- -Diverse load control & remote monitoring

RNG-CTRL-RVR60			
Module Performance	**Specs**	**Product code**	**Price Excluding VAT**
Nominal System Voltage	12V/24V/36V/48V Auto Recognition (for non-lithium batteries)	**RNG-CTRL-RVR60-G1-SA**	GET A QUOTE **R3 945** DOWNLOAD
Rated Load Current	20A		
Max. PV Input Voltage	140VDC		
Rated Charge Current	60A		

Portable Refrigerator

SPECS

R5 838.00
excluding VAT| NETT |
DCCR50L-G1-SA



Renogy 12V/24V 53 Quart (50L) Portable Refrigerator	
Capacity: 50 L / 1.76 cu. ft.)	Rated Power: 60W (MAX Mode), 45W (ECO Mode)
Rated Voltage: DC 12V/24V, or AC 120V (Using the included adapters)	Temperature Setting Range: -4~68 °C/-20~20°C
Noise Level: ≤45 dB	Battery Voltage Protection: High / Medium / Low
Control: Touch Panel and Bluetooth App (within 10m/33ft distance in an unobstructed area)	Climate Class: T/ST/N/SN
Dimensions: 27 x 18 x 20 in/692 x 453 x 515 mm (L x W x H)	Net Weight: 39 lbs/17.5 kg

GET A QUOTE DOWNLOAD

Renogy 53 Quart (50L) Portable Refrigerator

Powerful LG compressor ensures rapid and efficient freezing - Freezes from 86°F (30°C) to 32°F (0°C) within just 15 minutes - Dual zone, dual control - switch between fridge and freezer easily - Supports dual control via Bluetooth app and LED panel buttons - Telescoping handle and easy-roll wheels for effortless mobility



Current Automation
POWER SOLUTION PROVIDERS

RENOGY

JHB: Tel: 011 462-4253 / Tel: 010 591-1713
KZN (Durban): Tel: 031 569-2854
CPT (CapeTown): Tel: 021-300-1727
Mbombela: Tel: 013 004-0012





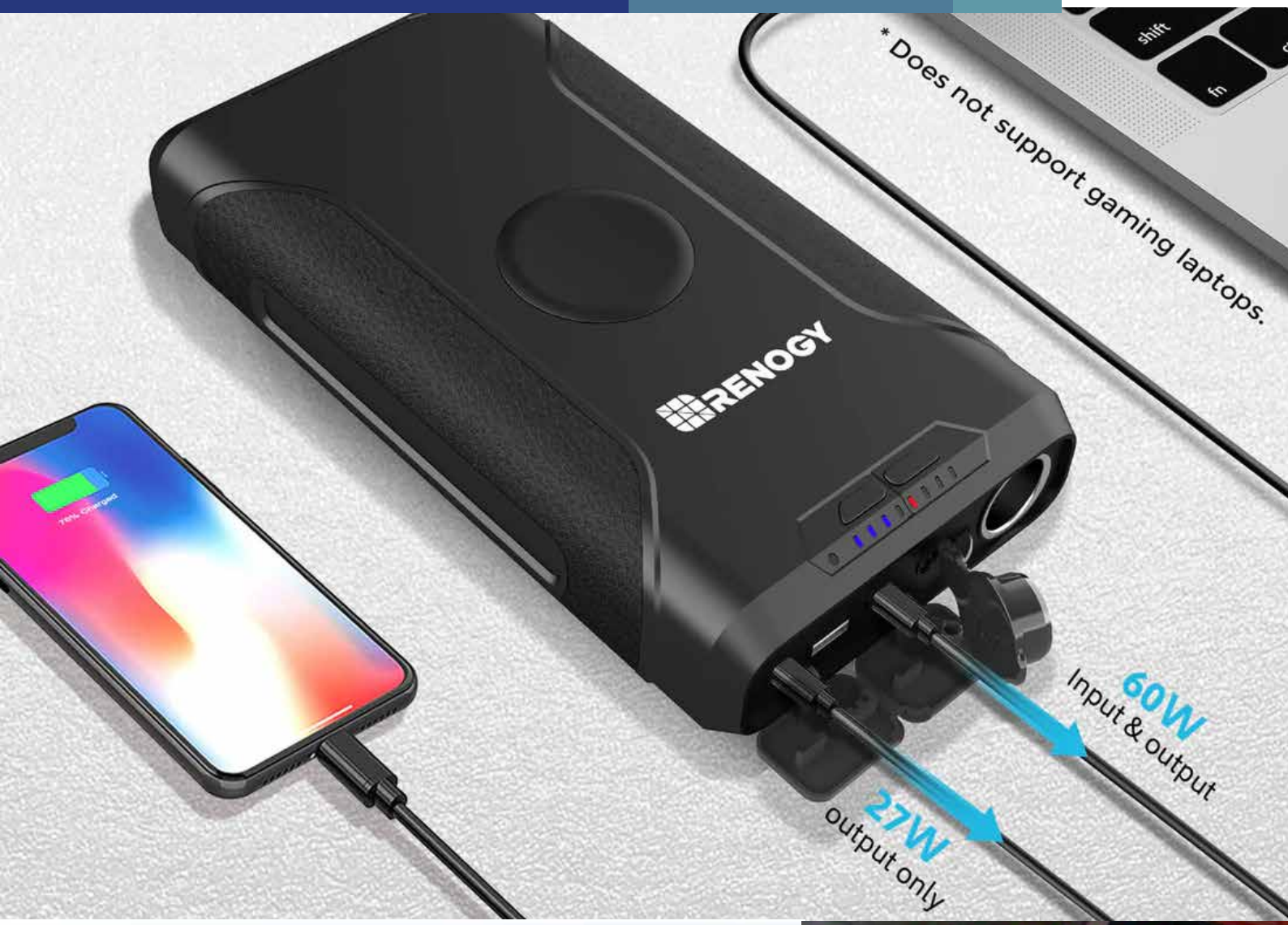
Versatile Design





Power bank

SPECS

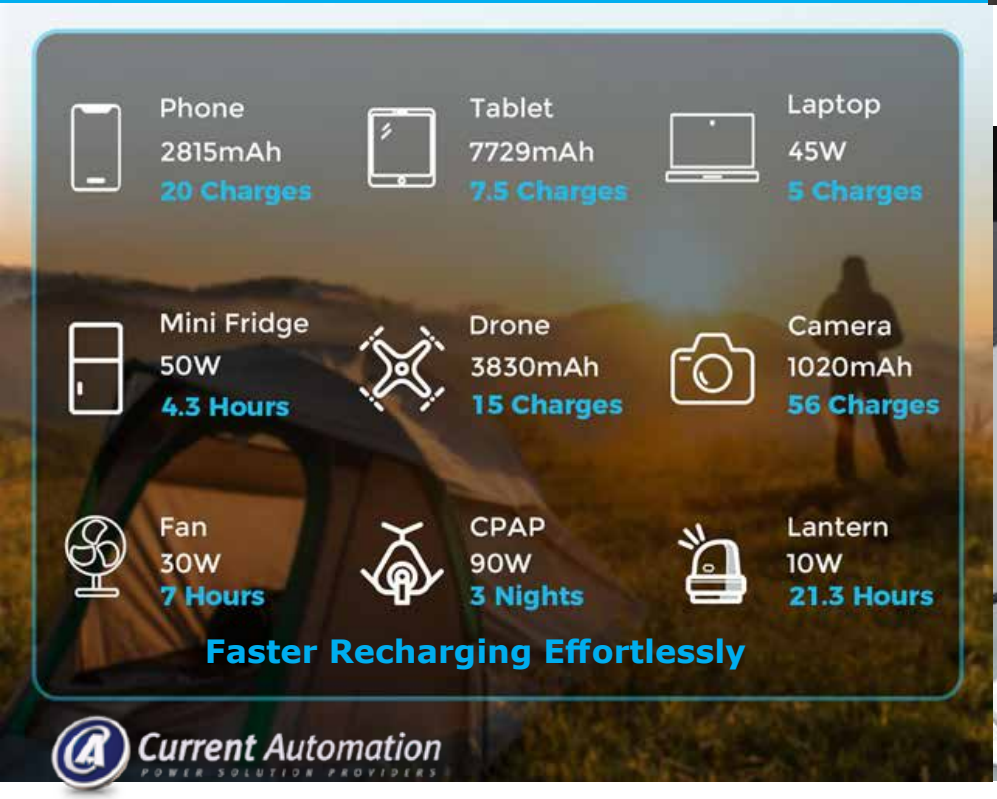


R3 160.00 excluding VAT | NETT | RPB-72000PD-SA

72000mAh / 266Wh Huge Off-Grid Power

NEW GENERATION POWER BANK
BIGGER AND BETTER





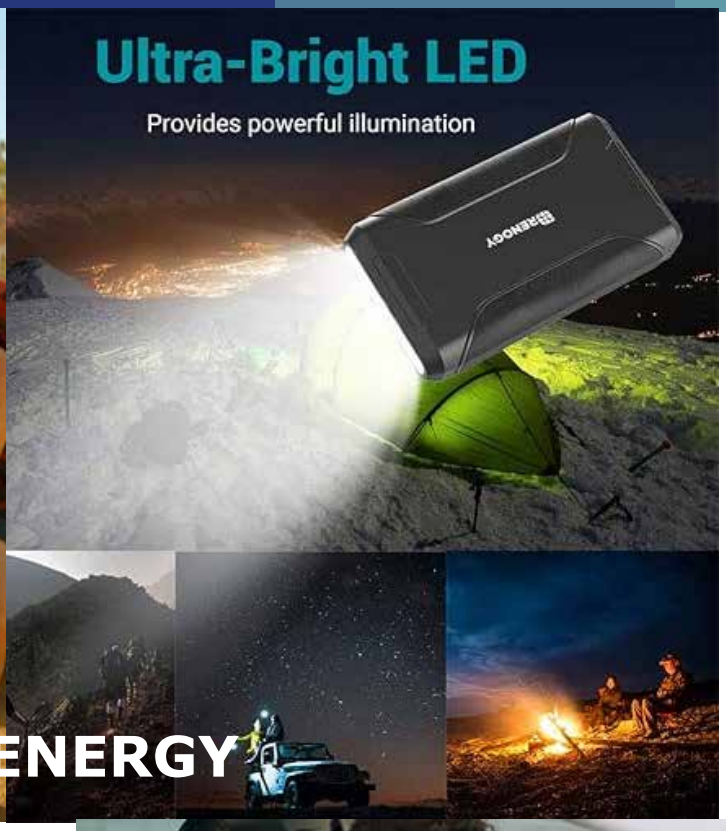
Charge multiple devices simultaneously



Power bank

SPECS





PORTABLE ENERGY

Whether you're camping, hiking, or on the road, running out of power shouldn't be part of your adventure. With the Renogy **72,000mAh / 266Wh Power Bank**, you can charge **multiple devices simultaneously** and even power your Renogy portable fridge, keeping food and drinks fresh wherever you go.

Multiple Outputs:

* 2 high-speed USB-C PD ports: one delivering up to 60W to your laptop, and the other keeping your phone charged at a fast 27W speed on the go.

* DC 12V/5A (150W max.) cigarette lighter port is specifically designed to power most CPAP machines on the market. To use it, you'll need a CPAP adapter (purchased separately).

* 10W Wireless Charging

Built-in Flashlight: Perfect for emergencies and outdoor use

Fast Recharge: Full charge in just 3–5 hours





MULTI-PURPOSE. THERE'S ALWAYS ONE FUNCTION FOR YOU!

Current Automation
POWER SOLUTION PROVIDERS

RENOGY

JHB: Tel: 011 462-4253 / Tel: 010 591-1713
KZN (Durban): Tel: 031 569-2854
CPT (CapeTown): Tel: 021-300-1727
Mbombela: Tel: 013 004-0012


CRYOPANE


RENOGY REGO

RENOC

Ranger POWER BOX SPECS





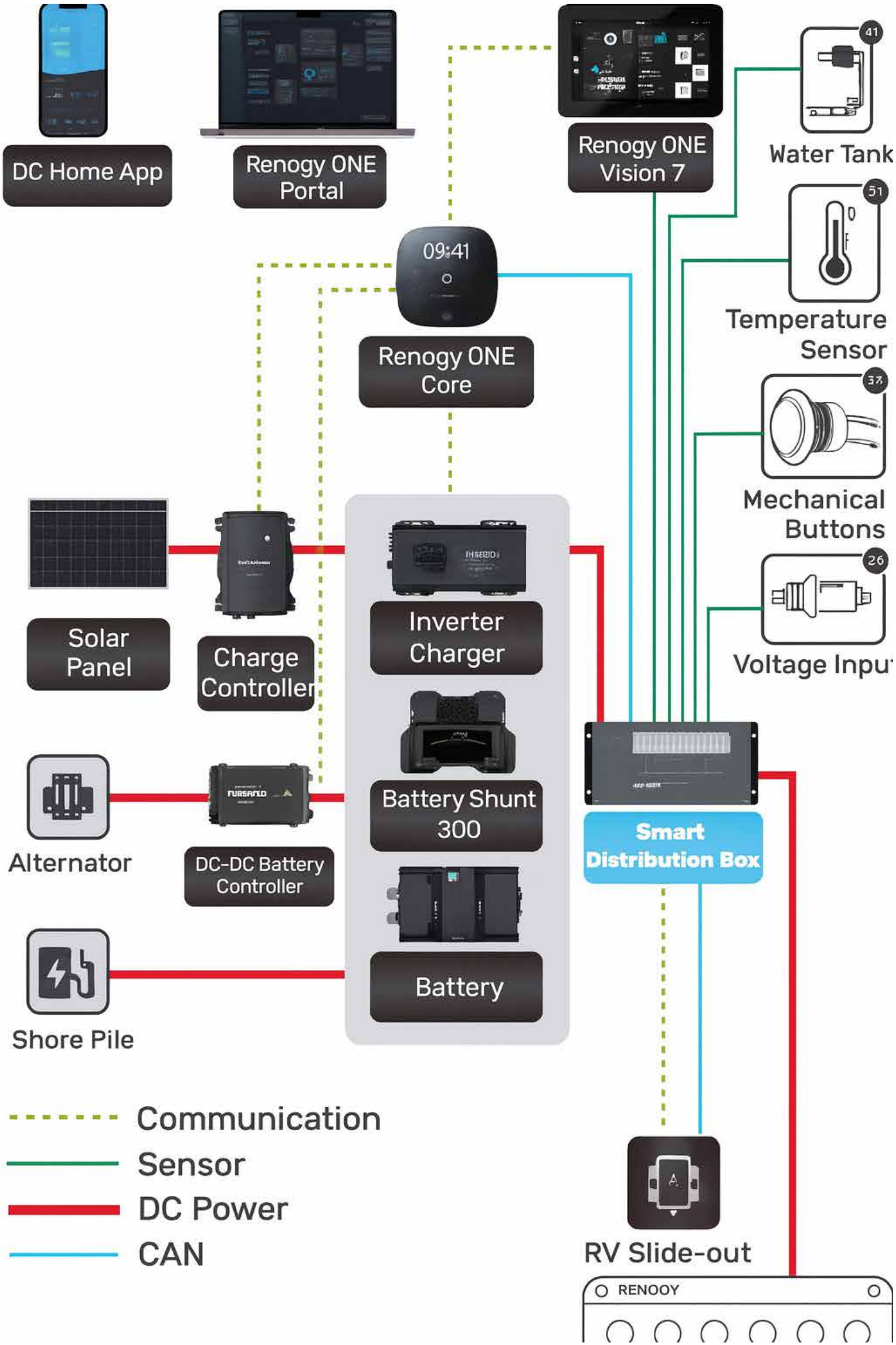


DOWNLOAD

Ranger series			
Product Series	**Ranger 3000 Ultra**	**Ranger 2000**	**Ranger Control Hub**
DC Battery Charger with MPPT	12V 50A DC-DC Battery Charger with MPPT	12V 50A DC-DC Battery Charger with MPPT	12V 40A DC-DC Battery Charger with MPPT
Inverter	3000W 12V Pure Sine Wave HF Inverter Charger	2000W 12V Pure Sine Wave Inverter	
Battery Monitor	Battery Shunt 300		Battery Shunt 300
DC Load Control	Smart Distribution Box		6-Way - DC Fuse
EIOT System	Renogy ONE Core & Renogy ONE Vision	Renogy ONE Core	
AC Battery Charger			
DC Charging Current	50A	50A	40A
Solar Input Voltage	50V	50A	10-30V DC
Solar Charging Power	660W @ 50A	660W @ 50A	670W @ 40A
AlternatorInputVoltage	Traditional Alternator: 13.2-16VDC Smart Alternator (Euro 6): 12-16VDC	Traditional Alternator: 13.2-16VDC Smart Alternator (Euro 6): 12-16VDC	Traditional Alternator: 13.2-16VDC Smart Alternator (Euro 6): 12-16VDC
Alternator Charging Power	660W @ 50A	660W @ 50A	670W @ 40A
AC Input Voltage	187-265V AC	200-240V AC	
AC Charging Current	150A		
DC Output Voltage Range	9-16V DC	9-16V DC	7 -16V DC
Inverter Output Power	3000W	2000W	
Inverter Surge Power	9000VA	4000W	
Price excluding VAT	**R58 164**	**R35 763**	**R10 222**
Order code	**RPB32REGO-G1-SA**	**RPSA2NPB-G1-SA**	**RPSD6NPB-G1-SA**
	GET A QUOTE	GET A QUOTE	GET A QUOTE






DC Home App
Renogy ONE Portal
Renogy ONE Vision 7
Water Tank
Temperature Sensor
Renogy ONE Core
Mechanical Buttons
Voltage Input
Solar Panel
Charge Controller
Inverter Charger
Battery Shunt 300
Smart Distribution Box
Alternator
DC-DC Battery Controller
Shore Pile
Battery
RV Slide-out
RENOOY
Communication
Sensor
DC Power
CAN

Renogy Smart Distribution Box PMS1280



The Smart Distribution Box is a DC power distribution control device designed for RV, total camper vehicle and motorhome scenarios.

It integrates functions such as multi-channel water tank, temperature sensors, voltage detection, DC loads control and more. It integrates CAN communication and supports Renogy ONE series and Renogy ONE Vision to display and control.

RSHCB-C02P-G1			
Module	**Specs**	**Product code**	**Price Excluding VAT**
System Voltage	12 / 24 VDC	GET A QUOTE **RSHCB-C02P-G1** DOWNLOAD	**R6 754**
Power Consumption	1.2W @12 VDC Standby		
Maximum Load Current	80 A		
Load Outputs	8 x 10A Max / 4 x 20A Max		

Renogy ONE Vision 7

Renogy Smart Management System
(Vision 7” + Smart Distribution Box, REQUIRES ONE CORE)



Renogy Smart Management System GET A QUOTE **R4 826.00 excluding VAT| NETT | RSHSN-W02W7** DOWNLOAD

Everything needed to convert your old system or install a new total management system. With full integration with all other current Renogy products.

If your installing this for the first time please make sure to order a Renogy One Core which is required.
If you need installation please contact us for an appointment.

Renogy ONE Vision 7” is a 7-inch touch panel tailored for caravans and RVs, meticulously crafted to seamlessly integrate with the Smart Distribution Box and Renogy ONE system.



Streamline Energy with our ALL-in-One Smart Panel.





Power management

Power management

Effortlessly monitor your Renogy off-grid power systems from anywhere using the Renogy DC Home App, Renogy ONE Core Touch Screen, and Renogy ONE Portal. Enjoy a seamless and comprehensive energy management experience.

Monitor & Gateway

SPECS





RSHGWSN-W02W			
Module Performance	**Specs**	**Product code**	**Price Excluding VAT**
Operating Voltage	Power Port: 8V to 35V DC (Typical 12V) USB Type-C: 5 VDC	GET A QUOTE **RSHGWSN-W02W** DOWNLOAD	**R2 531**
Communication	Wi-Fi (IEEE 802.11a/b/g/n 2.4 GHz & 5 GHz) Bluetooth LE and Bluetooth Mesh Zigbee 3.0 (IEEE 802.15.4) RS-485 & CAN		
Touch Screen	4 in (480 x 480p)		
Operating Altitude	Less than 16,404 ft (5000m)		

Make it a smart home

ONE Core also serves as a smart home hub, allowing you to connect your smart home appliances like door entry alert or climate sensors, enjoy added convenience and security of home automation.

Effortless installation

STEP 1

Complete a hole using 55mm diameter punch and get all components of the device stand.



STEP 2

With an embedded horizontal bubble, it's easy to achieve the horizontality of the device



STEP 3

Rotate, cick clack, it's done





Battery Shunt 300

Renogy Smart Shunt 300 is an intelligent battery monitor that measures the battery voltage and current based on which it calculates the state of charge (SOC) and remaining running time of the battery.

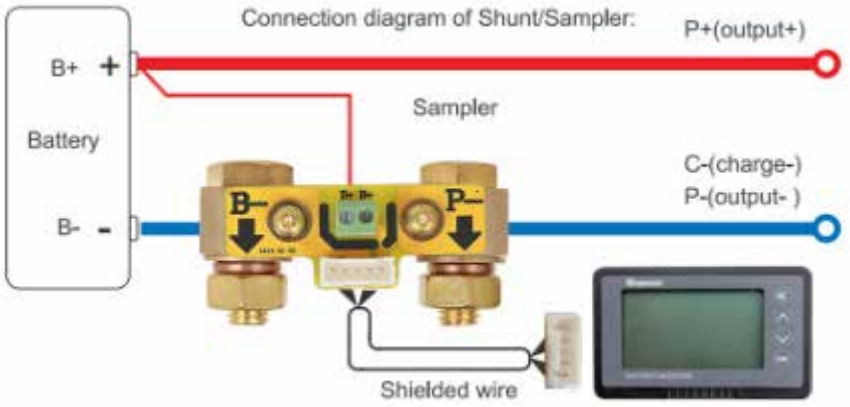


In addition, the shunt records historical charging and discharging data such as full deep discharge cycle, discharge capacity, charge cycle, and battery temperature.

With the built-in Bluetooth module, Smart Shunt 300 communicates with the DC Home app and Renogy ONE. This allows you to monitor real-time charging and discharging data and customize related parameters. These settings encompass nominal capacity, deep discharge thresholds, temperature alarms, and SOC alarms.

Monitor & Gateway SPECS





500A Battery Monitor

The Renogy Battery Monitor is designed to monitor performance for most kinds of batteries. Its high-precision measurements will eliminate the guesswork from battery usage and improve your battery bank's overall performance and longevity!

It is a universal battery monitor that you can use with voltage ranging from 10V to 120V and up to 500A.

LOW POWER CONSUMPTION DESIGN
The backlight will automatically shut down when the charging current is 100mA and only 1 mA Standby Dissipation. This battery monitor is equipped with data storage capacity. It automatically saves the last testing data when its power is off.

R1 134.00 excluding VAT| NETT |
RBM500-G3-SA

GET A QUOTE

DOWNLOAD





- 6AWG
- Voltage: 600V
- Heat-shrinkable Tube
- High-purity Oxygen-free Tinned Copper Wire

10FT

Red Positive Wire

Black Negative Wire

Renogy 5FT 6AWG Anderson Adapter Cable Anderson PP75 - 3/8 in Lugs

- Specially Designed to Work with Renogy REGO Products This Anderson Adapter Cable is specially designed to connect the Renogy REGO DC-DC battery charger with your batteries. The Anderson PP75 connector is compatible with the REGO battery charger. Dedicated M8 battery ring on the other end for effortless connection to your batteries.
- Plug&Play Operation The Anderson connectors allow you to use a simple and easy way to connect the REGO battery charger to batteries, cutting installation time by 60%! Positive and negative labels on both ends of the wires simplify system installation.
- Excellent Performance 6AWG high-purity oxygen-free tinned copper wire ensures maximum conductivity. Waterproof design with wide applicable temperature from -40-105, produce the best power output in any weather condition.
- Durable Design Ensure Safety The Adapter cable with heat-shrinkable tube insulated cable for good electrical safety.
- Tested Quality The product has passed the vibration test to ensure connection stability. The cable is UL1015 compliant and suitable for photovoltaic solar applications.

R818.00 excluding VAT| NETT | RCP1006PR-75-G1-SA
R711.00 excluding VAT| NETT | RCP0140SR-35-G1-SA



3 to 1 Solar Branch Connectors MMMF+FFFM Pair



The Limited Branch Connector is a perfect solution for connecting three panels in parallel. These connectors have high aging resistance and UV endurance, making them weather-proof and able to withstand harsh environments. A rivet and lock are used to connect the cable and no extra tools are required for assembly or disassembly of plugs.

RNG-CNCT-MC4Y-M-G1-SA			
Module	**Specs**	**Product code**	**Price Excluding VAT**
Maximum working voltage: DC1000V	Rated Current : 50A	**RNG-CNCT-MC4Y-M-G1-SA**	DOWNLOAD **R127** GET A QUOTE
Flame class: UL94-V0	Pollution degree: 2		
Contact resistance: ≤5mmΩ	Shell Protection degree: IP67		

Solar Panel Flat Roof Tilt Mount







Renogy Tilt Mount will support on-grid and off-grid systems. The tilt mount can be used on any flat surface, provided that the correct fastening techniques are applied.

The tilt mount is designed to allow adjustment of the panel for optimum performance.

- Can be used on any flat surface.
- Ideal for positioning solar panels at an angle on a rooftop.
- Maximum tilt angles depend on the size of the panel.
- Light weight aluminum alloy material.
- Ideal for easy transportation and safe mounting.

R1 087.00 excluding VAT| NETT |
RMT550TMB-G1-SA GET A QUOTE

DOWNLOAD

ACCESSORIES			
Type	**Description**	**Order code**	**Price Excluding VAT**
Battery Cable	Renogy 1/4AWG 12inch Copper Battery Interconnect Cable for 5/16inch Lugs	RBCCB12IN1-G1-SA	R184 GET A QUOTE
Monitoring & Management	500A Battery Monitor	RBM500	R1 134 GET A QUOTE
Communication Cable	Renogy IP16 Plug (7-Pin) to Bare Wire 2Ft Communication Cable	RCA02LB-67-G1-SA	R128 GET A QUOTE
Monitoring & Management	Renogy BT-2 Bluetooth Module	RCM-BT2	R333 GET A QUOTE
Inverter Cable	Renogy 10AWG Solar Extension Cable - 10ft 10AWG Pair	REC10FT10PR	R369 GET A QUOTE
Protection Device	REGO 500A Combiner Box	REC500CB-98-G1-SA	R2 219 GET A QUOTE
Inverter Cable	Renogy 1AWG 8Ft Copper Battery Inverter Cables for 3/8inch Lugs (Pair)	RIVCB8FT1-G1-SA	R1 966 GET A QUOTE
PV Mount & Bracket	Renogy 50inch Tilt Mount Brackets	RMT550TMB-G1-SA	R1 087 GET A QUOTE
Adapter Cable	Renogy MC4 Solar Adapter Cable - 20 Ft 10 AWG	RNG-AK-20FT-10	R599 GET A QUOTE
Other Power Cable	Renogy 4AWG Fuse Cable	RNG-ANLFUSECB-4-G1-SA	R184 GET A QUOTE
PV Connector	Renogy 20A MC4 Waterproof in-Line Fuse Holder w/Fuse	RNG-CNCT-FUSE20-G1-SA	R109 GET A QUOTE
PV Connector	Renogy 5 Pair MC4 Male/Female Solar Panel Cable Connectors Double Seal Rings	RNG-CNCT-MC4X5-G1-SA	R103 GET A QUOTE
PV Connector	CNCT-CNCT-MC4Y Branch Connectors Solar MC4	RNG-CNCT-MC4Y-G2-SA	R79 GET A QUOTE
PV Connector	RNG-CNCT-MC4Y2 - Renogy Solar MC4Y2 Branch Connectors MMMF+FFFM	RNG-CNCT-MC4Y-M-G1-SA	R127 GET A QUOTE
PV Mount & Bracket	Renogy Adjustable Solar Panel Tilt Mount Brackets	RNG-MTS-TMB-G1-SA	R474 GET A QUOTE
Protection Device	Renogy 300A ANL Fuse w/Fuse (ANL Fuse Holder + 30A ANL Fuse)	RPD300ANL-SET-G1-SA	R57 GET A QUOTE
Tray Cable	Renogy TRAYC-BFT-4 4AWG Wire Copper Tray Cable. Connect Charge Controller and Battery	RNG-TRAYCB-8FT-8-G2-SA	R1054 GET A QUOTE
Tray Cable	Renogy TRAYC-BFT-8 8AWG Wire Copper Tray Cable. Connect Charge Controller and Battery	RNG-TRAYCB-8FT-4-G2-SA	R1054 GET A QUOTE
Anderson Adapter Cable	Renogy 10FT 6AWG Anderson Adapter Cable (Anderson SB350 - 3/8 Ring Lug)	RCP1006PR-75-G1-SA	R818 GET A QUOTE
Anderson Adapter Cable	Renogy 10FT 4AWG Anderson Adapter Cable (Anderson PP75 - Ring Lug)	RNG-TRAYCB-8FT-4-G2-SA	R1 054 GET A QUOTE
Protection Device	Renogy 300A ANL Fuse Set w/Fuse	RNG-SET-ANL30-G1-SA-SET	R56 GET A QUOTE
Sensor	Water Tank Sender Probe 200mm with 7.5m cable	RSHWL-5P200-7500	R530 GET A QUOTE
Monitoring & Management	Renogy BT-2 Bluetooth Module	RCM-BT2	R333 GET A QUOTE
RST-RNG-GB-G1-SA	EIOT KIT TOAL SOLUTION FOR RNG-GLOBAL B2B	RST-RNG-GB-G1-SA	R20 001 GET A QUOTE
RNG-CNCT-MC4X5-G1-SA	RENOGY 5 PAIR MC MALE/FEMALE S/P CABLE CONNECT DOUBLE SEAL RING	RNG-CNCT-MC4X5-G1-SA	R103 GET A QUOTE
RNG-MTS-CB-G1-SA	RENOGY CONER BRACKET MOUNT	RNG-MTS-CB-G1-SA	R437 GET A QUOTE
RNG-SET-ANL30-G1-SA	RENOGY 30A ANL FUSE SET W/FUSE (ANL FUSE HOLDER+30A ANL FUSE)	RNG-SET-ANL30-G1-SA	R56 GET A QUOTE
RSHST-B02P300-G1-SA	RENOGY CORE 300A Battery Shunt with Bluetooth	RSHST-B02P300-G1-SA	R1 521 GET A QUOTE



BT-2 Bluetooth Module

The Renogy BT-2 is the new generation Bluetooth module for select Renogy solar charge controllers, DC-DC battery chargers, and smart lithium batteries. Powered by its RJ45 communication port, the BT-2 provides wireless monitoring of the system data and allows users to change parameters through the Renogy DC Home smartphone App.

Connect the BT-2 to the component's RJ45 communication port to wirelessly check and adjust your system's parameters through the DC Home App (available in both the App Store and Google Play).

R333.00 excluding VAT| NETT | RCM-BT2-G2-SA

GET A QUOTE

DOWNLOAD

Contact us

JHB: Tel: 011 462-4253 / Tel: 010 591-1713 , Fax: 011 462-4310
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