



ENERGY MANAGEMENT SYSTEMS

PRODUCT CATALOG



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Application Scenarios

P2



Solar Panels

P3-6



Chargers

P7-13



Batteries

P14-16



Inverters

P17-23



LYCAN

P24-25



EloT

P26-29



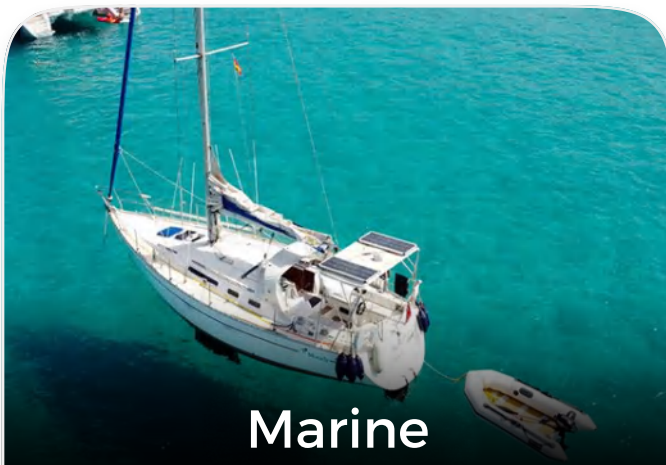
Renogy's power solutions are ideal for RV, off-grid living, eliminating noisy generators and their constant fueling needs.



Energy solutions take you away from the hustle and bustle of the city.



Power your home with solar energy day or night.



Set sail on your journey with energy freedom.



You can also press freedom outside.

MonoFacial Rigid Solar Panel(Sliver White)

BUILD TO LAST CHOICE

Build with Grade A+ Mono Si cells. Module get protected by multipule bypass diodes and coated with advanced encapsulation material

High module conversion efficiency Quick and inexpensive mounting 100% EL testing No hot spots guaranteed

Note: * The size of the panel could be customized



Norminal Power at STC	100 W	200 W	320 W	450 W	550 W
Optimum Operating Voltage	20.4 V	19.2 V	33.0 V	34.67 V	41.97 V
Optimum Operating Current	4.91 A	10.42 A	9.7 A	12.98 A	13.11 A
Open-Circuit Voltage	24.3 V	23.0 V	40.3 V	41.25 V	49.95 V
Short-Circuit Current	5.21 A	11.05 A	10.23 A	13.89 A	14.05 A
Dimensions	1062 x 530 x 35 mm 41.8 x 20.9 x 1.4 in	1491 x 699 x 35 mm 58.7 x 27.5 x 1.4 in	1665 x 1002 x 35 mm 65.6 x 39.4 x 1.4 in	1909 x 1134 x 35 mm 75.2 x 44.6 x 1.4 in	2279 x 1134 x 35 mm 89.7 x 44.6 x 1.4 in
Weight	6.4 kg / 14.1 lbs	12 kg / 26.5 lbs	18 kg / 39.7 lbs	23.9 kg / 52.7 lbs	28.5 kg / 62.8 lbs
Enclosure Rating	IP65				
Operating Temperature	- 40℃ to 85℃ /-40℉ to 185℉				
Certifications	UL61730 / IEC61215 / IEC67130				

MonoFacial Rigid Solar Panel(All Black)

BUILD TO LAST CHOICE

All black color version of monofacial rigid solar panel.

Note: * The size of the panel could be customized



Norminal Power at STC	95 W	195W	405 W
Optimum Operating Voltage	19.49 V	20.03 V	31.09 V
Optimum Operating Current	4.97 A	9.74 A	13.02 A
Open-Circuit Voltage	22.58 V	23.29 V	37.31 V
Short-Circuit Current	5.19 A	10.38 A	13.87 A
Dimensions	865 x 578 x 30 mm 34.1 x 22.8 x 1.2 in	1338 x 768 x 30 mm 52.7 x 30.2 x 1.2 in	1722 x 1134 x 35 mm 67.8 x 44.6 x 1.4 in
Weight	5.7 kg / 12.6 lbs	11.8 kg / 26 lbs	21.5 kg / 47.4 lbs
Enclosure Rating	IP67		
Operating Temperature	- 40℃ to 85℃ /-40℉ to 185℉		
Certifications	CE	CE	UL61730 / IEC61215 / IEC67130

BiFacial Rigid Solar Panel

MORE ENERGY CHOICE

In addition to have all benefits of monofacial rigid solar panel. Bifacial panel offer the ability to capture sunlight from bothside , which allow panel provide up to 30% more energycompared to monofacial rigid solar panel.

Note: * The size and color of the panel could be customized



Norminal Power at STC	115 W	220W	350 W	450 W	550 W
Optimum Operating Voltage	18.8 V	18.8 V	32.68 V	34.67 V	41.97 V
Optimum Operating Current	5.86 A	11.71 A	13.44 A	12.98 A	13.11 A
Open-Circuit Voltage	21.9 V	21.9 V	27.55 V	41.25 V	49.95 V
Short-Circuit Current	6.42 A	12.84 A	12.70 A	13.89 A	14.05 A
Dimensions	786 x 763 x 30 mm 30.9 x 30.0 x 1.2 in	1547 x 763 x 30 mm 60.9 x 30.0 x 1.2 in	1536 x 1134 x 35 mm 60.4 x 44.6 x 1.4 in	1909 x 1134 x 35 mm 75.2 x 44.6 x 1.4 in	2279 x 1134 x 35 mm 89.7 x 44.6 x 1.4 in
Weight	6.9 kg / 15.2 lbs	12.4 kg / 27.3 lbs	21.5 kg / 47.4 lbs	23.1 kg / 50.9 lbs	28.5 kg / 62.8 lbs
Enclosure Rating	IP67				
Operating Temperature	- 40℃ to 85℃ /-40℉ to 185℉				
Certifications	UL61730 / IEC61215 / IEC67130				

Rigid Solar Suitcase

EASY TO CARRY CHOICE

Renogy solar suitcase is specifically designed for mobile off-grid applications. The solar suitcase support 12v deep cycle battery and can be adjusted at different angles to maximized the power output with build-in tilting stands.

Note: * Size and color of panel could be customized * Optional to select bundle with charge controller



Norminal Power at STC	100 W	200 W
Optimum Operating Voltage	20.4 V	18.5 V
Optimum Operating Current	4.91 A	10.5 A
Open-Circuit Voltage	24.3 V	21.8 V
Short-Circuit Current	5.45 A	11.7 A
Dimensions	552 x 530 x 71 mm(Folded) / 552 x 1060 x 35 (Unfolded) 21.7 x 20.9 x 2.8 in(Folded) / 21.7 x 41.8 x 1.4 in (Unfolded)	904 x 670 x 78 mm(Folded) / 904 x 1340 x 39 (Unfolded) 35.6 x 25.9 x 3.1 in (Folded) / 35.6 x 51.8 x 19.5 (Unfolded)
Weight	9.3 kg / 20.5 lbs	16.2 kg / 35.9 lbs
Enclosure Rating	IP65	
Operating Temperature	- 20℃ to 85℃ /-4℉ to 185℉	
Certifications	UL61730 / CE	

Portable solar blanket

EASY TO CARRY CHOICE

The portable design of Renogy solar blanket allow the solar blanket to have a smaller folded size, light weight and easy to carry.

The solar blanket build with Grade A+ Mono Si cells, which provide a significant amount of energy.



Norminal Power at STC	400 W
Optimum Operating Voltage	36.0 V
Optimum Operating Current	11.1 A
Open-Circuit Voltage	42.3 V
Short-Circuit Current	11.8 A
Dimensions	559 x 533 x 76 mm(Folded) / 2575 x 1058 x 6 mm(Unfolded) 22 x 21 x 3 in(Folded) / 101.3 x 41.6 x 0.24 in (Unfolded)
Weight	12 kg / 26 lbs
Enclosure Rating	IP65
Operating Temperature	- 20℃ to 65℃ /-4℉ to 62℉
Certifications	CE

EFLEX Portable solar panel

EASY TO CARRY CHOICE

The Renogy E.Flex Series is ready to generate electrical power wherever sun rays land—offering a versatile charging solution for portable power stations or off-grid DC batteries.

E.Flex portable solar panel is suitable most solar generators on the market with the connector cable(sold separately). The portable solar panel adopts PERC solar cell technology . The ETFE-laminated case and IP67 water-resistant rating provide ultra protection and are durable enough to extend the panel's lifespan.



Norminal Power at STC	80 W	120 W	220 W
Optimum Operating Voltage	17.2 V	19.8 V	22.7 V
Optimum Operating Current	4.7 A	6.1 A	9.1 A
Open-Circuit Voltage	20.7 V	23.8 V	26.8 V
Short-Circuit Current	4.9 A	6.4 A	10.2 A
Dimensions	631 x 435 x 25 mm(Folded) 24.8 x 17.1 x 1.0 in(Folded)	671 x 551 x 25 mm(Folded) 26.4 x 21.7 x 1.0 in (Folded)	738 x 581 x 40 mm(Folded) 29.1 x 84.1 x 0.2 in (Folded)
Weight	3.3 kg / 7.3 lbs	4.8 kg / 11.0 lbs	9.23 kg / 20.4 lbs
Enclosure Rating	IP67		
Operating Temperature	- 20℃ to 65℃ /-4℉ to 149℉		
Certifications	CE/FCC/UKCA/PES/IC		

C-Si Flexible Solar Panel

LIGHT & BEND CHOICE

Renogy C-si flexible panel is 75% lighter and 95% thinner compare to traditional rigid solar panel. The panel is capable to flex up to 248 degree.

Flexibility and light weight Light and extremely durable design

Note: * The size and color of the panel could be customized (175watt, all black, etc.)



Norminal Power at STC	100 W	200 W
Optimum Operating Voltage	20.7 V	20.1 V
Optimum Operating Current	4.84 A	10.02 A
Open-Circuit Voltage	24.4 V	23.9 V
Short-Circuit Current	5.16 A	10.74 A
Dimensions	1093 x 582 x 3 mm 40.3 x 22.9 x 0.1 in	1605 x 748 x 3 mm 63.2 x 29.5 x 0.1 in
Weight	2.4 kg / 5.3 lbs	4.9 kg / 10.8 lbs
Enclosure Rating	IP67	
Operating Temperature	- 40℃ to 85℃ /-40℉ to 185℉	
Certifications	CE	

Rollable Thin Film Solar Panel

LIGHT & BEND CHOICE

The capability of rollable solar panel is made possible through and advanced thin film solar cell technology, which provide extreme flexibility, ultra-light and thinnest experience.

360 degree bendability Lowest installed weight (less than 1.98kg/sqmt, 0.56 lb /sqft) Minimized system shading losses Excellent impact resistance

Note: * The size of panel could be customized(up to 1200watt per panel)



Norminal Power at STC	150 W	150 W	300 W
Optimum Operating Voltage	19.61 V	19.61 V	74.5 V
Optimum Operating Current	8.04 A	8.04 A	4.03 A
Open-Circuit Voltage	24.12 V	24.12 V	91.8 V
Short-Circuit Current	9.34 A	9.34 A	4.51 A
Dimensions	1658 x 656 x 1.5 mm 65.3 x 25.8 x 0.06 in	1658 x 656 x 1.5 mm 65.3 x 25.8 x 0.06 in	5905 x 348 x 1.5 mm 232.5 x 13.7 x 0.06 in
Weight	2.96 kg / 6.5 lbs(with tape)	2 kg / 4.4 lbs(w/o tape)	3.4 kg / 7.5 lbs(w/o tape)
Enclosure Rating	IP67		
Operating Temperature	- 40℃ to 85℃ /-40℉ to 185℉		
Certifications	CE		

Rover Li MPPT Solar Charge Controller

Die-cast aluminium design ensuring excellent heat dissipation and Renogy Maximum Power Point Tracking technology with a high tracking efficiency of up to 99% and peak conversion efficiency of 98%. It is the best charging solution even in cloudy environments where the max power point of the solar panels will fluctuate all day



Model	RNG-CTRL-RVR20	RNG-CTRL-RVR30	RNG-CTRL-RVR40	RNG-CTRL-RVR60
Rated Battery Input Voltage	Non-Lithium :12VDC / 24 VDC (Auto Recognition)	Non-Lithium :12VDC / 24 VDC (Auto Recognition)	Non-Lithium :12VDC / 24 VDC (Auto Recognition)	Non-Lithium :12VDC / 24 VDC /36 VDC/48 VDC (Auto Recognition)
Battery Input Voltage Range	10VDC-32VDC	10VDC-32VDC	10VDC-32VDC	9VDC-64VDC
Rated Charge Current	20A	30A	40A	60A
Maximum Solar Input Power	260 W (12V Battery) 520W (24V Battery)	400 W (12V Battery) 800W (24V Battery)	520 W (12V Battery) 1040W (24V Battery)	800 W (12V Battery) 1600W (24V Battery) 2400W (36V Battery) 3200W (48V Battery)
Maximum Solar Input Voltage (Voc)	100VDC	100VDC	100VDC	150VDC (25°C) 145 VDC (-25°C)
Battery Types	ACM, Gel, Flooded, Lithium-iron Phosphate, User Custom			
Grounding	Common Negative			
Communication Protocol	RS232	RS232	RS232	RS232 / RS485
Operating Temperature Range	-31°F~113°F /-35°C~45°C			
Dimensions	8.27 x 5.95 x 2.69 inch / 210 x 151 x 68 mm	9.38 x 6.78 x 3.05 inch / 238 x 172 x 77 mm	9.38 x 6.78 x 3.05 inch / 238 x 172 x 77 mm	12.00 x 17.44 x 4.35 inch / 305 x 443 x 110 mm
Weight	3.1 lbs/ 1.4kg	4.4 lbs/ 2.0kg	4.4 lbs/ 2.0kg	22.0 lbs/ 10.0kg
Certification	FCC Path 15, Class B,CE,RoHS,RCM	FCC Path 15, Class B,CE,RoHS,RCM	FCC Path 15, Class B,CE,RoHS,RCM	ETL Listed to UL 1741
Accessories	2-year material warranty			

Rover Elite MPPT Solar Charge Controller

Die-cast aluminium design ensuring excellent heat dissipation and Renogy Maximum Power Point Tracking technology with a high tracking efficiency of up to 99% and peak conversion efficiency of 98%.



Model	RCC20MS	RCC30MS	RCC40MS	RCC50MS
Rated Battery Input Voltage	Non-Lithium :12VDC / 24 VDC (Auto Recognition)			
Battery Input Voltage Range	10VDC-32VDC	10VDC-32VDC	10VDC-32VDC	9VDC-64VDC
Rated Charge Current	20A	30A	40A	50A
Maximum Solar Input Power	260W/12V 520W/24V	400W/12V 800W/24V	550W/12V 1100W/24V	660W/12V 1320W/24V
Maximum Solar Input Voltage (Voc)	92V(25℃) ; 100V(Lowest ambient temperature			
Battery Types	ACM, Gel, Flooded, Lithium-iron Phosphate, User Custom			
Grounding	Common Negative			
Communication Protocol	RS232	RS232	RS232	RS232 / RS485
Operating Temperature Range	-31°F-113°F /-35°C-45°C			
Dimensions	-	-	-	-
Weight	650g	830g	1040g	1335g
Certification	FCC Path 15, Class B,CE,RoHS			
Accessories	2-year material warranty			



Rover Li MPPT Solar Charge Controller

Maximum Power Point Tracking technology with a high tracking efficiency of up to 99% and peak conversion efficiency of 98%.



REGO MPPT Solar Charge Controller

Save Up to 60% Installation Time, Take Less Installation Space

Model	RNG-CTRL-RVR100	RCC50REGO
Rated Battery Input Voltage	Non-Lithium :12VDC / 24 VDC /36 VDC/48 VDC (Auto Recognition)	12VDC
Battery Input Voltage Range	9VDC-60VDC	10VDC-16VDC
Rated Charge Current	100A	60A
Maximum Solar Input Power	1300 W (12V Battery) 2600W (24V Battery) 3900W (36V Battery) 5200 W (48V Battery)	800W (12V Battery)
Maximum Solar Input Voltage (Voc)	150VDC (25°C) 140 VDC (-25°C)	100VDC
Battery Types	ACM, Gel, Flooded, Lithium-iron Phosphate, User Custom	
Grounding	Common Negative	
Communication Protocol	RS232 / RS485	RS485 / CAN Bus
Operating Temperature Range	-31°F-113°F /-35°C-45°C	
Dimensions	12.00 x 17.44 x 4.35 inch / 305 x 443 x 110 mm	9.43 x 7.36 x 4.28 inch / 239.4 x 187 x 108.8 mm
Weight	22.0 lbs/ 10.0kg	4.7 lbs/ 2.7kg
Certification	FCC Path 15, Class B,CE,RoHS	FCC Path 15, Class B, RoHS, UL1741, CB
Accessories	2-year material warranty	5-year material warranty



Wanderer PWM Charge Controller

4-STAGE PWM Technology



Wanderer PWM Charge Controller

4-STAGE PWM Technology

Model	RNG-CTRL-WND10	RNG-CTRL-WND30-LI
Rated Battery Input Voltage	Non-Lithium :12VDC / 24 VDC (Auto Recognition)	12VDC
Battery Input Voltage Range	11VDC-32VDC	11VDC-16VDC
Rated Charge Current	10A	30A
Maximum Solar Input Power	130 W (12V Battery) 260 W (24V Battery)	400 W (12V Battery)
Maximum Solar Input Voltage (Voc)	50VDC	25VDC
Battery Types	ACM, Gel, Flooded, Lithium-iron Phosphate, User Custom	AGM, Gel, Flooded, Lithium-iron Phosphate, User Custom
Grounding	Common Negative	
Communication Protocol	RS232	
Operating Temperature Range	-13°F-113°F / -25°C-45°C	
Dimensions	4.68 x 2.95 x 1.08 inch / 118 x 75 x 27 mm	6.45x 4.31 x 1.76 inch / 164 x 109 x 45 mm
Weight	0.3 lbs/ 0.1kg	0.7 lbs/ 0.3kg
Certification	CE, ROHS, FCC Path 15, Class B	CE, ROHS, FCC Path 15, Class B
Accessories	2-year material warranty	



New Edition Voyager PWM Waterproof Solar Charge Controller

4-STAGE PWM Technology, IP67 Rated Waterproof



Adventurer Li PWM Flush Mount Charge Controller

Lithium battery charging capability

Model	RNG-CTRL-RVR100	RCC20VOYP	RNG-CTRL-ADV30-LI
Rated Battery Input Voltage	Non-Lithium :12VDC / 24 VDC (Auto Recognition)		Non-Lithium :12VDC / 24 VDC (Auto Recognition)
Battery Input Voltage Range	11VDC-32VDC		11VDC-32VDC
Rated Charge Current	10A	20A	30A
Maximum Solar Input Power	130 W (12V Battery) 260 W (24V Battery)	260 W (12V Battery) 520 W (24V Battery)	400 W (12V Battery) 800 W (24V Battery)
Maximum Solar Input Voltage (Voc)	25VDC (12V Battery) 55V (24V Battery)		50VDC
Battery Types	ACM, Gel, Flooded, Lithium-iron Phosphate, User Custom		
Grounding	Common Negative		
Communication Protocol	/		RS232
Operating Temperature Range	-31°F -149°F / -35°C - 65°C		-13°F-131°F / -25°C-55°C
Dimensions	6.08x 3.83 x 1.40 inch / 154 x 97 x 35 mm		6.56x 4.50 x 1.90 inch / 167 x 114 x 48 mm
Weight	0.6 lbs/ 0.3kg		
Certification	CE, ROHS, FCC Path 15, Class B		
Accessories	2-year material warranty		



IP67 DC-DC On-Board Battery Charger with MPPT

LAUNCH TIME: SEPTEMBER 31, 2023

Extremely small installation size with IP67 protection features to enhance the user experience in both conventional and specific scenarios



DC to DC Battery Charger

LAUNCH TIME: JANUARY 31, 2024

Compatible Multiple Battery Types,Various Protections For Ultra Safety

Model	RBC2125DS-21W	RNG-DCC1212-20-G2	RNG-DCC1212-40-G2	RNG-DCC1212-60-G2
System Voltage	12V/24V-12V/24V	12V-12V		
Input Voltage	10 -32V DC	9 -16V DC		
Output Voltage	10 -32V DC	9 -16V DC		
Alternator Input	Traditional Alternator: 13.5-16.0VDC Smart Alternator (Euro 6): 12.5-16.0VDC	Traditional Alternator: 13.5-16.0VDC Smart Alternator (Euro 6): 12.5-16.0VDC		
Maximum Output Current Rating	50A	20A	40A	60A
Output Power	720W	300W	600W	900W
Battery Types	SLD/AGM, GEL, FLD, USER			
Grounding	Common Negative			
Communication Protocol	Modbus ; RV-C	Modbus		
Operating Temperature Range	-4 °F - 140°F / -20 °C - 60°C	-4 °F - 140°F/-20 °C - 60°C		
Dimensions	165 x 120 x37 mm	8.30 x 6.88 x 2.67 in / 211 x 175 x 68 mm	10.30 x 6.90 x 2.70 in / 261 x 175 x 68 mm	12.20 x 6.90 x 2.70 in / 311 x 175 x 68 mm
Weight	1.5kg	3 lbs/ 1.30kg	4 lbs/ 1.90kg	2 lbs/ 2.40kg
Certification	CB, FCC, CE, UKCA, MIC, UL	FCC, CE, ROHS,		
Accessories	2-year material warranty			



REGO 12V 60A DC-DC Battery Charger

Bidirectional Charging Technology, Keep Both of Your Batteries Charged



DC-DC On-Board Battery Charger with MPPT

Multi-Input Efficiency Charging, Ingenious Structure Design

Model	RBC1260DO-12B	RBC50D1S	RBC30D1S
System Voltage	12V-12V		
Input Voltage	10 -16V DC		
Output Voltage	10 -16V DC		
Alternator Input	Traditional Alternator: 13.5-16.0VDC Smart Alternator (Euro 6): 12.5-16.0VDC	Traditional Alternator: 13.2-16.0VDC Smart Alternator (Euro 6): 12-16.0VDC	
Maximum Output Current Rating	60A	50A	30A
Output Power	800W	660W	400W
Battery Types	SLD/AGM, GEL, FLD, USER	AGM, Gel, Flooded, Lithium-iron Phosphate, User Custom	
Grounding	Common Negative		
Communication Protocol	Modbus ; RV-C	RS485	
Operating Temperature Range	-4 °F - 140°F / -20 °C - 60°C	-31°F -149°F /-35 °C - 65°C	
Dimensions	13.78 x 8.39 x 4.02 in / 350 x 213 x 102 mm	9.61 x 8.39 x 3.03 in / 350 x 146 x 77 mm	
Weight	7 lbs/ 3.12kg	3 lbs/ 1.42kg	
Certification	CB, FCC, CE, UKCA, MIC, UL	CE, ROHS, FCC Path 15, Class B, UL1741	
Accessories	5-year material warranty	2-year material warranty	

Core Series Battery

CORE 12.8V 100AH/200AH/300AH LT CORE 25.6V 100AH/200AH LT

- 1. Entry-level Outstanding Charging 1C & Discharging 1C performance for critical application scenarios
- 2. Best alternative to lead acid batteries to embrace clean energy
- 3. 6% Positive Tolerance
- 4. Top A grade cells of 5000+ cycles
- 5. 10-year design service life and 5-year warranty



SKU	RBT12100LFP	RBT12200LFP	RBT12300LFPSH	RBT24100LFPSH	RBT24200LFPSH
Nominal Capacity	100 Ah	200 Ah	300 Ah	100 Ah	200 Ah
Nominal Voltage	12.8 V	12.8 V	12.8 V	25.6V	25.6V
Nominal Energy	1280Wh	2560Wh	3840Wh	2560Wh	5120Wh
Cycle Life	>5000 (25°C, 0.5C/0.5C, 80%DOD,80%EOL)				
Dimensions	10.6 x 6.9 x 8.6 Inch	20.6 x 9.4 x 8.6 Inch	20.6 x 9.4 x 8.6 Inch	20.6 x 9.4 x 8.6 Inch	20.6 x 9.4 x 8.6 Inch
Weight	23.15 lbs	47.3 lbs	47.3 lbs	47.3 lbs	47.3 lbs
Mounting Screw Size	M8 x 2				
IP Rating	IP65				
Expansion	Series & parallel connections				
Charge Voltage	14.4V				
Maximum Continuous Charge Amps	100	200	200	100	200
Maximum Continuous Discharge Amps	100	200	200	100	200
Self-heating function	N/A	N/A	N/A	Supported	Supported
Wireless Communication	N/A	N/A	N/A	N/A	N/A
Wired Communication	N/A	N/A	N/A	N/A	N/A
Certifications	CE / UKCA / FCC / UN38.3 / MSDS / ROHS / PSE				
launch time	2023.06	2023.06	2023.08	2023.08	2023.08

Pro Series Battery

PRO 12.8V 100AH/200AH PRO 25.6V 100AH

- 1. Mid-rangeEnhanced quality tailored for performance-demanding customers
- 2. Smart, secure off-grid life guarantee, no worries for low temperature
- 3. Real-time monitoring through DC-home App
- 4. Self-heating function for stay charged in cold environment
- 5. Active safety protection with Self-Control Fuse
- 6. Top A grade cells of 5000+ cycles
- 7. Smart BMS with 60 protection alarms
- 8. 10-year design service life and 7-year warranty



SKU	RBT12100LFP	RBT12200LFP	RBT12300LFPSH
Nominal Capacity	100 Ah	200 Ah	100 Ah
Nominal Voltage	12.8 V	12.8 V	25.6V
Nominal Energy	1280Wh	2560Wh	2560Wh
Cycle Life	>5000 (25°C, 0.5C/0.5C, 80%DOD,80%EOL)		
Dimensions	10 x 7.48 x 7.56 Inch	18.3 x 8.3 x 8.2 Inch	TBD
Weight	26 lbs	TBD	TBD
Mounting Screw Size	M8 x 2	M8 x 2	M8 x 2
IP Rating	IP65	IP65	IP65
Expansion	Parallel connections	Parallel connections	Parallel connections
Charge Voltage	14.4V	14.4V	14.4V
Maximum Continuous Charge Amps	100	200	100
Maximum Continuous Discharge Amps	100	200	100
Self-heating function	Supported	Supported	Supported
Wireless Communication	Supported	Supported	Supported
Wired Communication	N/A	N/A	N/A
Certifications	CE / UKCA / FCC / UN38.3 / MSDS / ROHS / IC / PSE / MIC / UL		
launch time	2023.08	2023.1	2024.5

Max Series Battery

MAX 12.8V 100AH MAX 51.2V 100AH

- 1. High-endSmart series applicable to both consumer-grade and business-grade scenarios
- 2. Exclusive functions to meet all application scenarios
- 3. Real-time monitoring through DC-home App
- 4. Self-heating function for stay charged in cold environment
- 5. Active safety protection with Self-Control Fuse
- 6. Top A grade cells of 6000+ cycles
- 7. Smart BMS with 60 protection alarms
- 8. Compact in size、Embedded mounting holes and bracket with Wired Communication
- 9. 10-year warranty



SKU	RBT12100LFP-SHBT	RBT48100LFPL-SHBT
Nominal Capacity	100 Ah	100 Ah
Nominal Voltage	12.8 V	51.2 V
Nominal Energy	1280Wh	5120Wh
Cycle Life	>6000 (25°C, 0.5C/0.5C, 80%DOD,80%EOL)	
Dimensions	10 x 7.1 x 7.1 Inch	22.3 x 12.3 x 9.7 Inch
Weight	23 lbs	99lbs
Mounting Screw Size	M8 x 2	2 amphenol+, 2 amphenol–
IP Rating	IP65	IP65
Expansion	Series & parallel connections	Parallel connections
Charge Voltage	14.4V	57.6V
Maximum Continuous Charge Amps	100	100
Maximum Continuous Discharge Amps	100	100
Self-heating function	Supported	Supported
Wireless Communication	Supported	Supported
Wired Communication	Supported	Supported
Certifications	CE / UKCA / FCC / UN38.3 / MSDS / ROHS / IC / PSE / MIC / UL	
launch time	2023.12	2024.03

			
	LAUNCH TIME: Q4, 2023	LAUNCH TIME: Q2, 2024	LAUNCH TIME: Q2, 2024
SKU	RV2420P2-235	RIV2410P2-235	RV2430P2-235

Inverter Specifications

Nominal Input Voltage	DC24V		
Input Voltage Range	DC21-33V		
Rated Output Power	2000W	1000W	3000W
Peak Power	4000W	2000W	6000W
Nominal output Voltage RMS	AC220V		
Output Frequency	50 Hz / 60 Hz		
Output Wave Form	Pure sine wave		
THD	THD<3%		
Short Circuit Protection	Yes		
May Efficiency	93%		
Full Load Efficiency	88%		
No load power Consumption	0.9A	0.6A	1.2A

General Specifications

Operating Temperature Range	-4°F-131°F / -20°C-55°C		
Storage Temperature	-40°F-158°F / -40°C-70°C		
Humidity	0-95%		
Dimensions	15.3 x 8.9 x 3.4 in / 389.5 x 228.4 x 87.3 mm	10.6 x 7.3 x 3.4 in/ 268.7 x 186.4 x 87.3 mm	17.2 x 9.8 x 3.4 in / 437.5 x 248.8 x 87.3 mm
Weight	11.0 lbs / 5 kg	6.6 lbs / 3 kg	13.7 lbs / 6.2 kg

Wired remote control

			
EMC	CE(IEC/EN 61000), RCM		
Safety	IEC/EN 62477, SAA, UKCA		
Warranty	1 year		
Expected time ta market	2023/12/05	2026/06/05	2026/06/05

			
SKU	R-INVT-PUH1-101235	R-INVT-PUH1-201235	R-INVT-PUH1-301235

Inverter Specifications

Continuous Power	1000W	2000W	3000W
Surge Power (Peak Power)	2000W	4000W	6000W
Rated Input DC Voltage	12V		
Input Voltage Range	11VDC-16VDC		
Output Voltage	220-240VDC		
Output Frequency (Nominal)	50 Hz		
Output Waveform	Pure sine wave		
No Load Current	< 1A	< 2A	< 2.5A
Battery supply & AC main transfer time	< 50ms		
Maximum Efficiency	90%		
Full Load Efficiency	88%		
Short Circuit Protection	YES		

General Specifications

Operating Temperature	32°F - 104°F / 0°C -40°C		
Storage Temperature	-22°F - 158°F / -30°C - 70°C		
Humidity	0-95%		
Dimensions	13.5 × 6.8 × 3.0 in / 342 × 173 × 76mm	17.4 × 8.7 × 3.6 in / 442 × 220 × 92 mm	18.9 × 8.7 × 3.6 in / 482 × 220 × 92 mm
Weight	5.7 lbs / 2.6 kg	10.6 lbs / 4.8kg	14.1 lbs / 6.4 kg

Wired remote control

			
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Standard

EMC	CE(IEC/EN 61000)
Safety	ROHS, UKCA, SAA, CE
Warranty	1 year

		
SKU	R-INVT-PCL1-20123S	R-INVT-PCL1-30123S

Inverter Specification

Rated Output Power	2000W	3000W
Surge Power (1 second)	6000W	9000W
Surge Power (3 seconds)	3000W	4500W
Surge Power (10 seconds)	2400W	3600W
Nominal output Voltage RMS	230VAC(200~240VAC, 10V intervals)	
Output Frequency	50Hz ± 0.3Hz or 60Hz± 0.3Hz	
Output Wave Form	Pure Sine Wave	
Output Overload	105% < Load < 120% ± 10% : Fault (Turn off output after 10 seconds) 120% < Load < 150% ± 10% : Fault (Turn off output after 3 seconds) 150% < Load ± 10% : Fault (Turn off output after 1 seconds)	
Nominal Input Voltage	12 VDC	
Short Circuit Protection	Software Protection	
Nominal Efficiency	> 90% Peak	

Charger Specifications

Nominal Input Voltage	230VAC	
Input Voltage Range	155-275VAC	
Input Frequency Range	40Hz - 70Hz	
Optimal Efficiency	>85%	
Output Current	5-65A	5-75A
Output Overload	120% < Load < 150% ± 10% : Fault (Turn off output after 60 seconds) 150% < Load ± 10% : Fault (Turn off output after 1 second)	

General Specifications

Battery Types	GEL, AGM, SLA, FLD, CAL, LI, USER	
Operating Temperature	32°F ~ 104°F / 0~40°C	
Storage Temperature	-22°F ~ 158°F / -30~70°C	
Humidity	0% ~ 95%	
Dimensions	510 x 285 x 193 mm / 20.1 x 11.2 x 7.6 in	
Weight	51.1 lbs / 23.2 Kg	63.5 lbs / 28.8 Kg

General Specifications

		
List dimensions	2.8 x 4.3 x 1.3 in / 70 x 110 x 31.8 mm	
Wire length	Approx 16.4ft	
Warranty	2 year	

General Specifications

EMC	CE(IEC 61000)/RCM
Safety	UKCA/SAA/CE(IEC/EN62477)



LAUNCH TIME: Q3, 2023

SKU	RIV2430HCS-2SS
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AC mode

Rated input voltage	220/230Vac
Input voltage range	(170Vac-280Vac) $\pm 2\%$ / (90Vac-280Vac) $\pm 2\%$
Frequency	50Hz/ 60Hz (Auto detection)
Frequency Range	47 $\pm$ 0.3Hz ~ 55 $\pm$ 0.3Hz (50Hz); 57 $\pm$ 0.3Hz ~ 65 $\pm$ 0.3Hz (60Hz)
Overload/short circuit protection	Circuit breaker
Efficiency	>95%
Conversion time (bypass and inverter)	10ms (typical)
AC reverse protection	Available
Maximum bypass overload current	30A

Inverter mode

Output voltage waveform	Pure sine wave
Rated output power (VA)	3300
Rated output power (W)	3300
Power factor	1
Rated output voltage (Vac)	230Vac
Output voltage error	$\pm 5\%$
Output frequency range (Hz)	50Hz $\pm$ 0.3Hz 60Hz $\pm$ 0.3Hz
Maximum Efficiency	>92%
Overload protection	(102% < load < 125%) $\pm 10\%$: report error and turn off the output after 5 minutes; (125% < load < 150%) $\pm 10\%$: report error and turn off the output after 10 seconds; Load >150% $\pm 10\%$: report error and turn off the output after 5 seconds;
Peak power	6000VA
Loaded motor capability	2HP
Rated battery input voltage	24V (Minimum starting voltage 22V)
Power saving mode	Load $\leq 50W$

AC charging

Battery type	Lead acid or lithium battery
Maximum charge current(can be set)	0-80A
Charge current error	± 5 Adc
Charge voltage range	20 ~33Vdc
Short circuit protection	Circuit breaker and blown fuse
Circuit breaker specifications	30A
Overcharge protection	Alarm and turn off charging after 1 minute
MPPT voltage range	120-450Vdc

PV charging

Maximum PV open circuit voltage	500Vdc
PV operating voltage range	120-500Vdc
Battery voltage range	20 ~33Vdc
Maximum input power	4000W
PV charging current range (can be set)	0-80A
Charging short circuit protection	Blown fuse
Wiring protection	Reverse polarity protection

Hybrid charging Max charger current specifications (AC charger+PV charger)

Max charger current(can be set)	0-80A
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Certified specifications

Certification	CE(IEC 62109-1)/SAA/UKCA
EMC certification level	EN61000, RCM
Operating temperature range	-10°C to 55°C
Storage temperature range	-25°C ~ 60°C
Humidity range	5% to 95% (Conformal coating protection)
Noise	≤ 60 dB
Heat dissipation	Forced air cooling, variable speed of fan
Communication interface	USB/CAN/RS485(WiFi/GPRS)/Dry node control
Size (L*W*D)	378mm*280mm*103mm
Weight (kg)	7.4
Warranty	2 years

			
	LAUNCH TIME: Q2, 2024	LAUNCH TIME: Q2, 2024	LAUNCH TIME: Q2, 2024
SKU	RIV1210PUH-2SS	RIV1220PUH-2SS	RIV1230PUH-2SS

Inverter Specifications

Continuous Power	1000W	2000W	3000W
Surge Power (Peak Power)	2000W	4000W	6000W
Rated Input DC Vol tage	12V		
Input Voltage Range	11VDC-16VDC		
Output Voltage	220-240VDC		
Output Frequency (Nominal)	50 Hz		
Output Waveform	Pure sine wave		
No Load Current	< 1A	< 2A	< 2.5A
Battery supply & AC main transfer time	<10ms		
Maximum Efficiency	92%		
Full Load Efficiency	88%		
Short Circuit Protection	Yes		

General Specifications

Temperature	-20°C ~60°C		
Storage Temperature	-30°C ~ 70°C		
Humidity	0-95%		
Dimensions	342 x 173 x 76mm	442 x 220 x 92mm	482 x 220 x 92 mm
Weight	2.6 kg	4.8kg	6.4 kg

communication

Embedded Interfaces	RV-C
Bluetooth	built-in

Wired remote control

			
List dimensions	2.8 x 4.3 x 1.3 in / 70 x 110 x 31.8 mm		
Wire length	Approx 16.4ft		

Wired remote control

EMC	CE(61000) /RCM
Safety	UKCA/SAA/CE(IEC/EN 62477)
Warranty	2 year



SKU	RIV1220RCH-2SS	RIV1230RCH-2SS
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Inverter Specification

Rated Output Power	2000W	3000W
Surge Power (1 second)	6000VA	9000VA
Nominal output Voltage RMS	230VAC(200~240VAC, 10V intervals)	
Output Frequency	50Hz ± 0.3Hz or 60Hz± 0.3Hz	
Output Wave Form	Pure Sine Wave	
Output Overload	3000VA 5s 6000VA 100ms	4500VA 5s 9000VA 100ms
Nominal Input Voltage	12 VDC	
Output waveform	Pure sine wave	
Short Circuit Protection	Software Protection	
Peak Efficiency	> 92%	
Full-load efficiency	> 87%	

Charger Specifications

Nominal Input Voltage	230VAC	
Input Voltage Range	170~280VAC	
Input Frequency Range	40Hz - 70Hz	
Efficiency	>88%	
Output Current	5-100A	5-150A
Output Overload	120% < Load < 150% ± 10% : Fault (Turn off output after 60 seconds) 150% < Load ± 10% : Fault (Turn off output after 1 second)	

Transfer Switch Specifications

Transfer Time	~ 10ms	
Transfer Relay Rating	20A	32A

General Specifications

Battery Types	GEL, AGM, SLA, FLD, CAL, LI, USER	
Operating Temperature	-20~60°C	
Storage Temperature	-30~70°C	
Humidity	0% ~ 95%	
Dimensions	492*333*135mm	
Weight	7.5Kg	10Kg

Communication

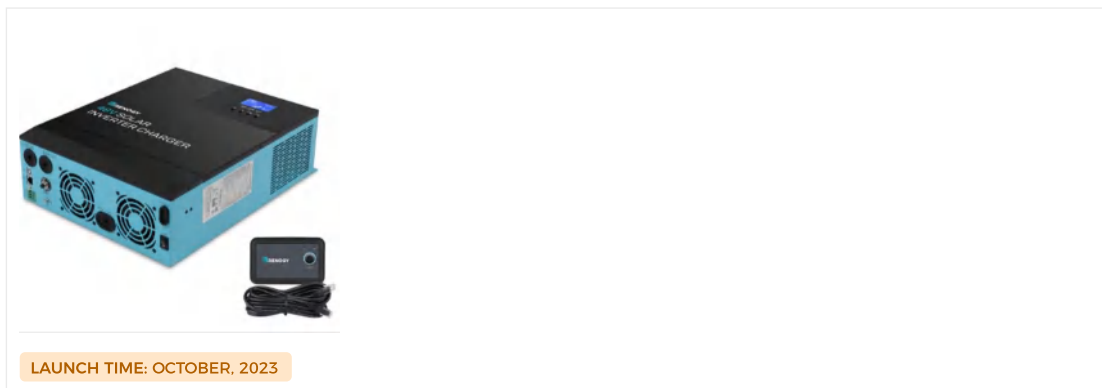
Embedded Interfaces	RV-C	
Bluetooth	built-in	

Standard

EMC	CE 621000/RCM	
Safety	UKCA /CE/SAA	

Wired Remote Control

List dimensions	2.8 x 4.3 x 1.3 in / 70 x 110 x 31.8 mm	
Wire length	Approx 16.4ft	
Warranty	5 years	



SKU	RIV2430HCS-2SS	RIV4850HCS-2SS
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AC mode

Rated input voltage	220/230Vac	
Input voltage range	(170Vac-280Vac) ±2%/(90Vac-280Vac) ±2%	
Frequency	50Hz/ 60Hz (Auto detection)	
Frequency Range	47±0.3Hz ~ 55±0.3Hz (50Hz); 57±0.3Hz ~ 65±0.3Hz (60Hz)	
Overload/short circuit protection	Circuit breaker	
Efficiency	>95%	
Conversion time (bypass and inverter)	10ms (typical)	
AC reverse protection	Available	
Maximum bypass overload current	30A	40A

Inverter mode

Output voltage waveform	Pure sine wave	
Rated output power (W)	3000	5000
Power factor	1	
Rated output voltage (Vac)	230Vac±5%	
Output frequency range (Hz)	50Hz ± 0.3Hz 60Hz ± 0.3Hz	
Maximum Efficiency	>92%	
Overload protection	(102% < load <125%) ±10%: report error and turn off the output after 5 minutes; (125% < load < 150%) ± 10%: report error and turn off the output after 10 seconds; Load >150% ±10%: report error and turn off the output after 5 seconds;	
Peak power	6000VA	10000VA
Loaded motor capability	2HP	4HP
Rated battery input voltage	48V	
Power saving mode	Load ≤50W	

AC charging

Battery type	Lead acid or lithium battery	
Maximum charge current(can be set)	0-40A	0-60A
Charge current error	± 5 Adc	
Charge voltage range	44 ~60Vdc	
Short circuit protection	Circuit breaker and blown fuse	
Overcharge protection	Alarm and turn off charging after 1 minute	

PV charging

Maximum PV open circuit voltage	500Vdc	
PV operating voltage range	120-500Vdc	
MPPT voltage range	120-450Vdc	
Battery voltage range	40 ~60Vdc	
Maximum input power	4000W	5200W
PV charging current range (can be set)	0-60A	0-80A
Charging short circuit protection	Blown fuse	
Wiring protection	Reverse polarity protection	

Hybrid charging Max charger current specifications (AC charger+PV charger)

Max charger current(can be set)	0-80A	0-100A
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Certified specifications

Certification	CE(IEC 62109-1)/SAA/UKCA	
EMC certification level	EN61000, RCM	
Operating temperature range	-20°C to 60°C	
Storage temperature range	-30°C ~ 70°C	
Humidity range	5% to 95% (Conformal coating protection)	
Noise	≤55dB	
Heat dissipation	Forced air cooling, variable speed of fan	
Communication interface	USB/CAN/RS485(WiFi/GPRS)/Dry node control	
Bluetooth	built-in	
Size (L*W*D)	378mm*280mm*103mm	426mm*322mm*126mm
Weight (kg)	7.4	10.5
Warranty	5 years	



Lycan 5000 Power Box



Lycan Pro 5000 Power Box

Model	RPB48350A-48LFPA23S	RPB48500A-48LFPA2SS
Dimension	32.9 x 20.0 x 28.5 inch / 835 x 508 x 724 mm	
Weight	264.6 lbs. / 120 kg	
Protection Rating	IP55	
Cooling Method	Fan	
Operating Temperature Range	14°F~122°F / -10°C~50°C	
Operating Relative Humidity Range	5%-95%	
Expansion Connector	Anderson 120A Connector, RJ45 Female Connector	
Expansion Capability	19.2KWh	
Bluetooth Range	82 ft. / 25 m	
Self Consumption	25W (Power Saving Mode)	30W (Power Saving Mode)
Enclosure Security	Keyed Cam Lock	
Installation Environment	Indoor/Outdoor	
Battery Type	Lithium Iron Phosphate	
Nominal Battery Voltage	48VDC	
Rated Battery Capacity	100Ah	
Rated Battery Energy	4.8KWh	
Cycle Life	4500 Cycles (80% DOD, 80% EOL, 0.2C, 25°C)	
Rated AC Input Voltage	220VAC/230VAC	
Rated AC Input Frequency	50Hz/60Hz	
Maximum AC Bypass Current	20A	63A
Maximum Battery Charge Current (AC)	40A	
Solar Input Voltage Range	60VDC~145VDC	120VDC~500VDC
Solar MPPT Voltage Range	60VDC~115VDC	120VDC~450VDC
Maximum Solar Input Power	4400W	5500W
Maximum Battery Charge Current (Solar)	80A	
Maximum Battery Charge Current (Total)	100A	
Rated AC Output Voltage	220/230VAC(Adjustable)	
Rated AC Output Frequency	50Hz/60Hz (Adjustable)	
Rated Output Power	3500W	3500W ,Max 5000W(Battery Expansion)
Peak AC Output Power	7000W	10000W

Accessories

Handle	-
Handle Screws (4)	M8 x 1.25 x 20 mm
IEC C19 to NEMA 5-20P Power Cable	10ft., 12AWG
Keys (2)	-
RJ45 Plug Waterproof Housing	-
User Guide	-

Warranty

48V 50Ah Smart Lithium Iron Phosphate Battery	5 Year Prorated Warranty	
48V 3500W Solar Inverter Charger, Communication Hub, BT-2 Bluetooth Module	1 Year Material and Workmanship Warranty	3Year Material and Workmanship Warranty
Circuit Breakers, Surge Protection Device	1.5 Year Material and Workmanship Warranty	
Cables	5 Year Material and Workmanship Warranty	
Enclosure	3 Year Material and Workmanship Warranty	

Certification

48V 50Ah Smart Lithium Iron Phosphate Battery	UN38.3, MSDS, FCC, PSE, CE	
48V 3500W Solar Inverter Charger / 48V 5000W Solar Inverter Charger	FCC, RoHS, CE	CE(IEC 62109-1) / CETL(UL 1741 / CSA C22.2 NO.107.1)



Renogy ONE M1

SKU	RMS-LP4-G2
Power Supply	Rated Power 3.5 W Power Port: 8 V DC to 16 VDC Type-C Port: 5 VDC
Power Consumption	< 2.5W (standby)
Ports	USB Type-C (5 VDC) RJ45 (CAN & RS485) 2-pin 3.81 mm pluggable terminal block (12 VDC)
Wireless Communication	Wi-Fi (IEEE 802.11b/g/n 2.4 GHz) Bluetooth 2.1/4.2 and Bluetooth LE Zigbee (IEEE 802.15.4)
Protocols	RV-C/Modbus/Zigbee 3.0
Touch Screen	4 inches (480 x 480p) White backlight with adjustable brightness
Load	≤30 VDC, 5 A Max/Channel
Operating Temperature	-4°F~122°F(-20 °C to 50 °C)
Operating Humidity	0% to 95% RH
Operating Altitude	Less than 2000m above sea level
Installation	Flush mounting
Dimensions	7.16 x 3.42 x 1.66 in (181.8 x 86.8 x 42.2 mm)
Certifications	CE, FCC and RoHS
Warranty	2 years



Renogy ONE Core

SKU	RSHGWSN-W02W-G1
Operating Voltage	Power Port: 8 to 60 VDC USB Type-C: 5 VDC
Power Consumption at 12 V	Operating, Wi-Fi On, 100% illumination: 3.2 W Operating, Wi-Fi On, 50% illumination: 2.4 W Operating, Wi-Fi On, 0% illumination: 1.9 W Screen off, Wi-Fi Off, logs still active: 1.5 W
Ports	USB Type-C (5 VDC) RJ45 (RS485) 2-pin 3.81 mm pluggable terminal block (12 VDC)
Communication	Wi-Fi (IEEE 802.11b/g/n 2.4 GHz) Bluetooth LE and Bluetooth Mesh Zigbee 3.0 (IEEE 802.15.4)RS-485
Touch Screen	4 in (480 x 480p)
Leveling Range and Accuracy	±89°, 0.1°
Operating Temperature	-4°F to 158°F(-20°C to 70°C)
Operating Humidity	0% to 95% RH
Operating Altitude	Less than 16,404 ft (5000m)
Installation	Flush mount or place on a table
Dimensions	4.17 x 4.17 x 1.05 in (106 x 106 x 26.6 mm)
Weight	0.28 lb (128g)
Certifications	FCC, CE, TSCA, and RoHS
Warranty	2 years

			
	Smart Plug	Smart Relay	Door & Window Sensor
SKU	RSHPGZ01P	RSHSRZ02P	RSHDW03P
Input/Output Voltage	120V AC 60HZ	-	-
Power Supply	-	8- 30V DC	-
Battery Model	-	-	CR2032 (3V)
Load	15A/ 1800W	250V AC/ 30VDC, 16A Max	3M adhesive tape
Connection	Zigbee 3.0(IEEE 802.15.4)		
Dimension	2.99 x 1.57 x 1.30 in76 x 40 x 33mm	0.79 x 1.57 x 1.73 in20 x 40 x 44mm	Transmitter:1.85 x 1.06 x 0.53 in47 x 27 x 13.5mm Magent:1.38 x 0.61 x 0.51 in35 x 15.6 x 13 mm
Weight	0.17 lbs / 79g	0.08 lbs / 36.6g	0.04 lbs / 20 g
Certifications	FCC, RoHS		
Warranty	1 year		

			
	Motion Sensor	Smart Temperature & Humidity Sensor	Wireles Sence Switch(1-Key)
SKU	RSHMSZ03P	RSHTHZ03P	RSHSH-Z02P1
Battery Model	CR2450 (3V)		
Detection Distance& Angle	19.69 ft/ 6m110°	-	-
Operating Temperature & Humidity	-	14°F-104°F-10°C-40°C10-90%RH (non-condensing)	-
Button action	-	-	Button action
Connection	Zigbee 3.0(IEEE 802.15.4)		
Dimension	Transmitter:1.85 x 1.06 x 0.53 in47 x 27 x 13.5mm Magent:1.38 x 0.61 x 0.51 in35 x 15.6 x 13 mm	1.69 x 1.69 x 0.63 in 43 x 43 x 16 mm	1.69 x 1.69 x 0.63 in 43 x 43 x 16 mm
Weight	0.04 lbs / 20 g	0.048 lbs / 22g	0.059 lbs / 27g
Certifications	FCC, RoHS	FCC CE	FCC CE
Warranty	1 year		



Smart Shunt 300

LAUNCH TIME: OCTOBER, 2023

SKU	RMS-LP4-G2
Power Supply	Rated Power 3.5 W Power Port: 8 V DC to 16 VDC Type-C Port: 5 VDC
Power Consumption	< 2.5W (standby)
Ports	USB Type-C (5 VDC) RJ45 (CAN & RS485) 2-pin 3.81 mm pluggable terminal block (12 VDC)
Wireless Communication	Wi-Fi (IEEE 802.11b/g/n 2.4 GHz) Bluetooth 2.1/4.2 and Bluetooth LE Zigbee (IEEE 802.15.4)
Protocols	RV-C/Modbus/Zigbee 3.0
Touch Screen	4 inches (480 x 480p) White backlight with adjustable brightness
Load	≤30 VDC, 5 A Max/Channel
Operating Temperature	-4°F-122°F(-20 °C to 50 °C)
Operating Humidity	0% to 95% RH
Operating Altitude	Less than 2000m above sea level
Installation	Flush mounting
Dimensions	7.16 x 3.42 x 1.66 in (181.8 x 86.8 x 42.2 mm)
Certifications	CE, FCC and RoHS
Warranty	2 years



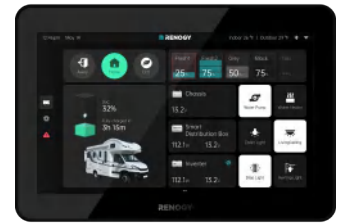
Smart Distribution Box PMS1280

LAUNCH TIME: OCTOBER, 2023

SKU	RSHCB-C02P-G1
Operating Voltage	8V to 60V DC
Power Consumption	< 1.5W (standby)
DC Load	10A x 8 20A x 4
Temperature Senosr	2-channel, NTC
Voltage Sampling	2-channel, 0 to 60V DC
Current Sampling	Max 25A Sampling accuracy: ±1%
Dry Contact	Input Signal x 4 Output Signal x 4
Operating Temperature	-4°F to 158°F (-20°C to 70°C)
Operating Humidity	0% to 95% RH
Dimensions	14.0 x 5.9 x 3.0 inch(356*150*77mm)
Certifications	FCC, CE, and LVD
Warranty	5 years

Renogy ONE Vision 7"

LAUNCH TIME: NOVEMBER, 2023



SKU	RSHSN-W7-G1
Power Supply	8V to 60V DC
Power Consumption	< 2W (standby)
Touch Screen	7 inches600 x 1024 p
CPU	ARM Cortex-A53 Quad-core 64-bit, 2.4 GHz
Memory	2GB + 16GB
WiFi & Bluetooth	2.4G Hz/ 5G Hz Bluetooth 5.0
Ethernet	10 or 100 Mbps
Operating Temperature	-4°F to 158°F (-20°C to 70°C)
Dimensions	7.0 x 4.53 x 0.93 inch(178 x 115 x 23.7mm)
Certifications	FCC, CE
Warranty	2 years
Launch Time	November, 2023

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