



RESOURCES TECHNOLOGY CO., LTD

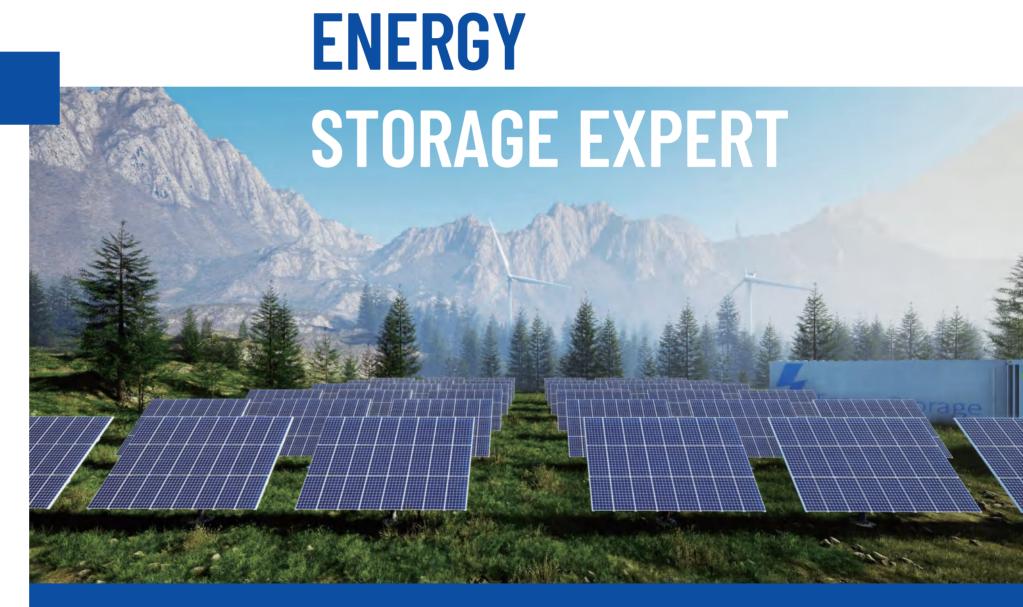
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RESOURCES TECHNOLOGY CO., LTD



Safe

- Integrated essential protecting methods
- Environmental friendly materials with ROHS certified
- Global TIER 1 cell manufacturer



- Reliable
- Strong design with tough testing demands
- High Ingress protection rating
- Achieve different types of international standards certificates



, Powerful

- Wide-range & competitive products
- Capable of offering best ESS solutions
- Convenient expansion to meet power demand



BRING SAFE AND GREEN ENERGY TO EVERY CORNER OF THE WORLD

VISION

TO BE A GLOBAL LEADING COMPANY IN ENERGY STORAGE SYSTEMS



Company Profile

Resources Technology Co., Ltd

Resources Technology Co., Ltd (SRP for short) is a high-tech enterprise focusing on the R&D manufacturing and sales of energy storage inverters and LFP battery systems. The company was founded in 2006 and headquartered in Jinan, Shandong Province, China. The core team of the enterprise is composed of domestic leading technical talents and senior experts in power electronics technology.

SRP is focusing on four application scenarios: Residential energy storage system, C&I energy storage system, multipurpose LFP Battery application and photovoltaic grid-connected power station. SRP provides customers with standard energy storage products and customized solutions.

Relevant products have obtained international certifications such as IEC, ENEC, CE, VDE, UL, G98/G99, NRS and AS, etc. Based on the vision of "customer oriented", SRP will keep on investing technology innovation and providing customers with competitive and reliable products and services.

Residential Energy Storage System

C&I Energy Storage System

Multipurpose LFP Battery Application

Photovoltaic Grid-connected Power Station

Market Service



Headquarters:

Jinan Headquarters

Room 1502, Building 5, Zone 4, HanYu Gold Valley, High-tech District, Jinan City, Shandong, China



R&D Center:

Shenzhen R&D Center

3rd Floor, Block A, Rongxinxing Creative Park, Liuxian 2nd Road, Xin'an Street, Bao'an District, Shenzhen City, Guangdong, China

Suzhou R&D Center

No.15, Shuanglouli Road, SIP, Suzhou City, Jiangsu Province, China



Manufacturing Center:

Huizhou Manufacturing Center

Hongda (International) Industrial Manufacturing City, Luoyang Town, Boluo County, Huizhou, China

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Hybrid Inverter - Single Phase 3.6K~6K



Product Features

- Compatible with most common low-voltage batteries (lead-acid & lithium)
- Max charging/discharging current up to 120A
- The typical switch time between on-grid mode and back-up mode is 10ms
- Remote upgrade and configuration; safety-related functions integrated; easy for cooperating with BMS
- IP65 protection to ensure the inverter can work under various environmental conditions
- Easily installed in the residential site

	SRP-3.6KRS-H1	SRP-4.6KRS-H1	SRP-5KRS-H1	SRP-6KRS-H1
Battery Input Data				
Battery Type	Li-ion / Lead-acid	Li-ion / Lead-acid	Li-ion / Lead-acid	Li-ion / Lead-aci
Nominal Battery Voltage (V)	48	48	48	48
Battery Voltage Range (V)	40~65	40~65	40~65	40~65
Max. Charge/Discharge Current (A)	60/60	120/120	120/120	120/120
Max. Charge/Discharge Power (W)	3000/3000	4600/4600	5000/5000	6000/6000
PV String Input Data				
Max. Array Input Power (W)	6300	9000	9000	9000
Max. DC Input Voltage (V)	550	550	550	550
Nominal DC Input Voltage (V)	360	360	360	360
Start-up Voltage (V)	90	90	90	90
MPPT Voltage Range (V)	70~540	70~540	70~540	70~540
Max. Input Current per MPPT (A)	15/15	15/15	15/15	15/15
Max. Short-circuit Current per MPPT (A)	20/20	20/20	20/20	20/20
No. of MPPT	2	2	2	2
No. of Strings per MPPT	1	1	1	1
AC Input Data				
Nominal Input Apparent Power (VA)	3600	4600	5000	6000
Max. Input Apparent Power (VA)	6300	9000	9000	9000
Max. Input Current (A)	29	41	41	41
AC Output Data (on-grid)				
Nominal Ouput Active Power (W)	3600	4600	5000	6000
Nominal Output Apparent Power (VA)	3600	4600	5000	6000
Max. Output Apparent Power (VA)	3960	5060	5500	6600
Nominal Output Voltage (V)	220/230/240	220/230/240	220/230/240	220/230/240
Output Voltage Range (V)		150-300(A	djustable)	
Nominal Output Frequency (Hz)		50/	•	
Output Frequency Range (Hz)		45-65(A	ustable)	
Max. Output Current (A)	16	22	25	27.2
Power Factor		~1 (Adjustable from 0.8	leading to 0.8 lagging)	
THDi	<3%	<3%	<3%	<3%
Back-up Output Data	(3 //	1370	.5 /0	(370
Nominal Output Apparent Power (VA)	3600	4600	5000	6000
Max. Output Apparent Power (VA)	3960	5060	5500	6600
Nominal Output Voltage (V)	230	230	230	230
Nominal Output Frequency (Hz)	50/60	50/60	50/60	50/60
Max. Output Current (A)	18	23	25	30
Transfer Time (ms)	10(typ) / 20(max)	10(typ) / 20(max)	10(typ) / 20(max)	10(typ) / 20(max
THDv @ Linear Load	10(typ)/ 20(max)	<3% @100		10(typ)/ 20(ma)
Efficiency		\3 % @ 100	770 IV LOBU	
Max. Efficiency	97.30%	97.30%	97.30%	97.30%
Battery Discharge to AC Efficiency	94.30%	94.30%	94.30%	94.30%
Protection	3 113 0 10	3 113 70	3 113 0 70	3 110 0 70
PV Reversed Polarity Protection		Υ	es es	
Residual Current Monitor			'es	
PV Over Voltage Protection			'es	
PV Over Current Protection			'es	
Anti-islanding Protection			'es	
DC Surge Protection			e III	
AC Surge Protection			e III	
Insulation Resistor Detector			és	
Output Over Current Protection			es es	
•				
Output Short Circuit Protection	Yes Yes			
Output Over Voltage Protection General		Υ	<u> </u>	
Operating Temperature Range (°C)		-25~60/~4	5°C derating)	
· · · · · · · · · · · · · · · · · · ·			00%	
Relative Humidity				
Max. Operating Altitude (m)			00 Caaling	
Cooling Method		Natural	•	
User Interface		APP-		
Communication		BMS), RS485, USB, DRM/R		
Weight (kg)	20	25	25	25
Dimension (W*H*D mm)			35*175	
		Transfo	merless	
Topology				
Topology Ingress Protection Rating		IP	65	



Hybrid Inverter-Single/Split Phase 8K/10K



Product Features

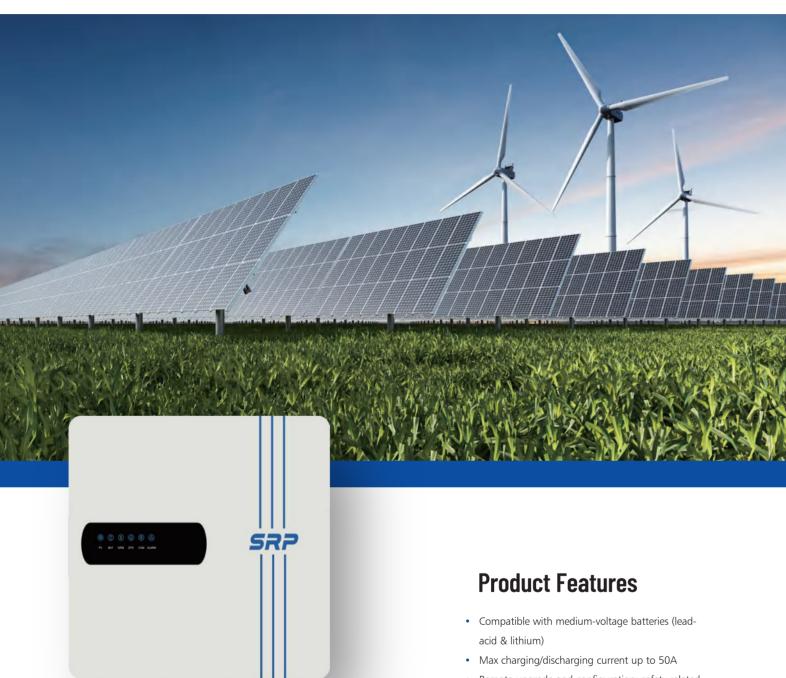
- Compatible with most common low-voltage batteries (lead-acid & lithium)
- Parallel capacity is up to 9 units
- Remote upgrade and configuration; safety-related functions integrated; easy for cooperating with BMS
- European version supports external remote shutdown device
- UL version is integrated with Rapid Shutdown
 Device, and it can output 100% load power under
 back-up mode

	SRP-8KRS-H1	SRP-10KRS-H1	SRP-8KRS-H1-UL	SRP-10KRS-H1-UL
Battery Input Data				
Battery Type	Li-ion / Lead-acid	Li-ion / Lead-acid	Li-ion / Lead-acid	Li-ion / Lead-acid
Nominal Battery Voltage (V)	48	48	48	48
Battery Voltage Range (V)	40~65	40~65	40~65	40~65
Max. Charge/Discharge Current (A)	210/180	210/210	210/180	210/210
Max. Charge/Discharge Power (W)	10000/8000	10000/10000	10000/8000	10000/10000
PV String Input Data				
Max. Array Input Power (W)	12000	15000	12000	15000
Max. DC Input Voltage (V)	600	600	600	600
Nominal DC Input Voltage (V)	360	360	360	360
Start-up Voltage (V)	90	90	90	90
MPPT Voltage Range (V)	70~540	70~540	70~540	70~540
Max. Input Current per MPPT (A)	30/22/22	30/22/22	30/22/22	30/22/22
Max. Short-circuit Current per MPPT (A)	40/30/30	40/30/30	40/30/30	40/30/30
No. of MPPT	3	3	3	3
No. of Strings per MPPT	2	2	2	2
AC Input Data				
Nominal Input Apparent Power (VA)	8000	10000	8000	10000
Max. Input Apparent Power (VA)	12000	15000	12000	15000
AC Output Data (on-grid)				
Nominal Ouput Active Power (W)	8000	10000	8000	10000
Nominal Output Apparent Power (VA)	8000	10000	8000	10000
Max. Output Apparent Power (VA)	8800	11000	8800	11000
Nominal Output Voltage (V)	220/2	30/240	120V/240V (Split phase) / 230V	(Single phase) / 208V (2/3 phase)
Nominal Output Frequency (Hz)	50,	/60		60
Output Frequency Range (Hz)	45-65(A	justable)	55-65(4	Ajustable)
Max. Output Current (A)	40	50	40	50
Power Factor		~1 (Adjustable from 0.	8 leading to 0.8 lagging)	
THDi	<3%	<3%	<3%	<3%
Back-up Output Data				
Nominal Output Apparent Power (VA)	8000	10000	8000	10000
Max. Output Apparent Power (VA)	8800	11000	8800	11000
Nominal Output Voltage (V)	23			' (Single phase)/208V (2/3 phase)
Nominal Output Frequency (Hz)	50/60	50/60	60	60
Nominal Output Current (A)	34.8	43.5	33.4	41.7
	00			
transfer time (ms)	10(typ) / 20(max)	TUITVDI / ZUIMAXI	10(tvn) / 20(max)	TUUVDI / ZUUMAXI
Transfer Time (ms) THDv @ Linear Load	10(typ) / 20(max) <3% @ 10	10(typ) / 20(max)	10(typ) / 20(max) < 3% @ 1	10(typ) / 20(max)
THDv @ Linear Load	• •	10% R Load	• •	00% R Load
THDv @ Linear Load Efficiency	<3% @ 10	00% R Load	<3% @ 1	00% R Load
THDv @ Linear Load Efficiency Max. Efficiency	<3% @ 10 98%	98%	<3% @ 1 98%	00% R Load 98%
THDv @ Linear Load Efficiency Max. Efficiency Battery Discharge to AC Efficiency	<3% @ 10	00% R Load	<3% @ 1	00% R Load
THDv @ Linear Load Efficiency Max. Efficiency Battery Discharge to AC Efficiency Protection	<3% @ 10 98% 95%	98% 95%	<3% @ 1 98% 94.50%	98% 94.50%
THDv @ Linear Load Efficiency Max. Efficiency Battery Discharge to AC Efficiency Protection PV Reversed Polarity Protection	<3% @ 10 98% 95% Ye	98% 95%	<3% @ 1 98% 94.50%	98% 98.50%
THDv @ Linear Load Efficiency Max. Efficiency Battery Discharge to AC Efficiency Protection PV Reversed Polarity Protection Residual Current Monitor	<3% @ 10 98% 95% Ye Ye	98% 95% es	<3% @ 1 98% 94.50% Y	98% 98.50% 94.50%
THDv @ Linear Load Efficiency Max. Efficiency Battery Discharge to AC Efficiency Protection PV Reversed Polarity Protection Residual Current Monitor PV Over Voltage Protection	<3% @ 10 98% 95% Ye Ye	98% 95% 958	<3% @ 1 98% 94.50% Y Y	98% 98.50% 'ées 'ées
THDv @ Linear Load Efficiency Max. Efficiency Battery Discharge to AC Efficiency Protection PV Reversed Polarity Protection Residual Current Monitor PV Over Voltage Protection PV Over Current Protection	<3% @ 10 98% 95% Ye Ye Ye	98% 95% 95%	<3% @ 1 98% 94.50% Y Y Y	98% 94.50% (es 'es 'es
THDv @ Linear Load Efficiency Max. Efficiency Battery Discharge to AC Efficiency Protection PV Reversed Polarity Protection Residual Current Monitor PV Over Voltage Protection PV Over Current Protection Anti-islanding Protection	<3% @ 10 98% 95% Ye Ye Ye	98% 95% 95%	<3% @ 1 98% 94.50% Y Y Y Y	98% 94.50% (es 'es 'es
THDv @ Linear Load Efficiency Max. Efficiency Battery Discharge to AC Efficiency Protection PV Reversed Polarity Protection Residual Current Monitor PV Over Voltage Protection PV Over Current Protection Anti-islanding Protection DC Surge Protection	<3% @ 10 98% 95% Ye Ye Ye Typ	98% 95% 95%	<3% @ 1 98% 94.50% Y Y Y Y Tyi	98% 94.50% 'es 'es 'es 'es
THDv @ Linear Load Efficiency Max. Efficiency Battery Discharge to AC Efficiency Protection PV Reversed Polarity Protection Residual Current Monitor PV Over Voltage Protection PV Over Current Protection Anti-islanding Protection DC Surge Protection AC Surge Protection	<3% @ 10 98% 95% Υε Υε Υε Τυρ	98% 95% 95%	<3% @ 1 98% 94.50% Y Y Y Y Tyi	98% 94.50% 'es 'es 'es 'es ees ll
THDv @ Linear Load Efficiency Max. Efficiency Battery Discharge to AC Efficiency Protection PV Reversed Polarity Protection Residual Current Monitor PV Over Voltage Protection PV Over Current Protection Anti-islanding Protection DC Surge Protection AC Surge Protection Insulation Resistor Detector	<3% @ 10 98% 95% Υε Υε Υε Τυρ Τυρ	98% 95% 95%	<3% @ 1 98% 94.50% Y Y Y Y Tyi Tyi Y	98% 94.50% 'es 'es 'es 'es 'es 'es 'es 'es 'es 'e
THDv @ Linear Load Efficiency Max. Efficiency Battery Discharge to AC Efficiency Protection PV Reversed Polarity Protection Residual Current Monitor PV Over Voltage Protection PV Over Current Protection Anti-islanding Protection DC Surge Protection AC Surge Protection Insulation Resistor Detector Output Over Current Protection	<3% @ 10 98% 95% Υε Υε Υε Τυρ Τυρ Υε	98% 95% 95%	<3% @ 1 98% 94.50% Y Y Y Y Tyi Tyi Y Y	98% 94.50% 'es 'es 'es 'es 'es 'es 'es 'es 'es 'e
THDv @ Linear Load Efficiency Max. Efficiency Battery Discharge to AC Efficiency Protection PV Reversed Polarity Protection Residual Current Monitor PV Over Voltage Protection PV Over Current Protection Anti-islanding Protection DC Surge Protection AC Surge Protection Insulation Resistor Detector Output Over Current Protection Output Short Circuit Protection	<3% @ 10 98% 95% Υε Υε Υε Τυρ Τυρ Υε Υε Υε	98% 95% 95% 95 95 95 95 95 95 95 95 95 95 95 95 95	<3% @ 1 98% 94.50% Y Y Y Tyi Tyi Y Y	98% 94.50% 'es 'es 'es 'es 'es 'es 'es 'es 'es 'e
THDv @ Linear Load Efficiency Max. Efficiency Battery Discharge to AC Efficiency Protection PV Reversed Polarity Protection Residual Current Monitor PV Over Voltage Protection PV Over Current Protection Anti-islanding Protection DC Surge Protection AC Surge Protection Insulation Resistor Detector Output Over Current Protection Output Short Circuit Protection Ouput Over Voltage Protection	<3% @ 10 98% 95% Ye Ye Ye Typ Typ Ye Ye Ye Ye Ye Ye	98% 95% 95% 95 95 95 95 95 95 95 95 95 95 95 95 95	<3% @ 1 98% 94.50% Y Y Y Tyi Tyi Y Y Y	98% 94.50% 'es 'es 'es 'es 'es 'es 'es 'es 'es 'e
THDv @ Linear Load Efficiency Max. Efficiency Battery Discharge to AC Efficiency Protection PV Reversed Polarity Protection Residual Current Monitor PV Over Voltage Protection PV Over Current Protection Anti-islanding Protection DC Surge Protection AC Surge Protection Insulation Resistor Detector Output Over Current Protection Output Short Circuit Protection Ouput Over Voltage Protection Generator	<3% @ 10 98% 95% Ye Ye Ye Ye Ye Ye Ye Ye Ye Y	98% 95% 95% 95 95 95 95 95 95 95 95 95 95 95 95 95	<3% @ 1 98% 94.50% Y Y Y Tyi Y Y Y Y Y Y Y Y Y Y Y Y Y	98% 94.50% 'es 'es 'es 'es 'es 'es 'es 'es 'es 'e
THDv @ Linear Load Efficiency Max. Efficiency Battery Discharge to AC Efficiency Protection PV Reversed Polarity Protection Residual Current Monitor PV Over Voltage Protection PV Over Current Protection Anti-islanding Protection DC Surge Protection AC Surge Protection Insulation Resistor Detector Output Over Current Protection Output Short Circuit Protection Ouput Over Voltage Protection Generator AFCI	<3% @ 10 98% 95% Ye Ye Ye Ye Ye Ye Ye Ye Opti	98% 95% 95% 95 95 95 95 95 95 95 95 95 95 95 95 95	<3% @ 1 98% 94.50% Y Y Y Tyi Y Y Y Y Y Y Y Y Y Y Y Y Y	98% 94.50% 'es 'es 'es 'es 'es 'es 'es 'es 'es 'e
THDv @ Linear Load Efficiency Max. Efficiency Battery Discharge to AC Efficiency Protection PV Reversed Polarity Protection Residual Current Monitor PV Over Voltage Protection PV Over Current Protection Anti-islanding Protection DC Surge Protection AC Surge Protection Insulation Resistor Detector Output Over Current Protection Output Short Circuit Protection Generator AFCI Remote Shutdown	<3% @ 10 98% 95% Ye Ye Ye Ye Ye Ye Ye Ye Ye Y	98% 95% 95% 95 95 95 95 95 95 95 95 95 95 95 95 95	<3% @ 1 98% 94.50% Y Y Y Tyi Y Y Y Y Y Y Y Y Y Y Y Y Y	98% 94.50% 'es 'es 'es 'es 'es 'es 'es 'es 'es 'e
THDv @ Linear Load Efficiency Max. Efficiency Battery Discharge to AC Efficiency Protection PV Reversed Polarity Protection Residual Current Monitor PV Over Voltage Protection PV Over Current Protection Anti-islanding Protection DC Surge Protection AC Surge Protection Insulation Resistor Detector Output Over Current Protection Output Short Circuit Protection Generator AFCI Remote Shutdown Rapid Shutdown	<3% @ 10 98% 95% Ye Ye Ye Ye Ye Ye Ye Ye Opti	98% 95% 95% 95 95 95 95 95 95 95 95 95 95 95 95 95	<3% @ 1 98% 94.50% Y Y Y Tyi Y Y Y Y Y Y Y Y Y Y Y Y Y	98% 94.50% 'es 'es 'es 'es 'es 'es 'es 'es 'es 'e
THDv @ Linear Load Efficiency Max. Efficiency Battery Discharge to AC Efficiency Protection PV Reversed Polarity Protection Residual Current Monitor PV Over Voltage Protection PV Over Current Protection Anti-islanding Protection DC Surge Protection AC Surge Protection Insulation Resistor Detector Output Over Current Protection Output Short Circuit Protection Generator AFCI Remote Shutdown Rapid Shutdown General	<3% @ 10 98% 95% Ye Ye Ye Ye Ye Ye Ye Opti	98% 95% 95%	<3% @ 1 98% 94.50% Y Y Y Tyi Y Y Y Y Y Y Y Y Y Y Y Y Y	98% 94.50% 'es 'es 'es 'es 'es 'es 'es 'es 'es 'e
THDv @ Linear Load Efficiency Max. Efficiency Battery Discharge to AC Efficiency Protection PV Reversed Polarity Protection Residual Current Monitor PV Over Voltage Protection PV Over Current Protection Anti-islanding Protection DC Surge Protection AC Surge Protection Insulation Resistor Detector Output Over Current Protection Output Short Circuit Protection Ouput Over Voltage Protection Generator AFCI Remote Shutdown Rapid Shutdown General Operating Temperature Range (°C)	<3% @ 10 98% 95% Ye Ye Ye Ye Ye Ye Opti Opti -25~60(>45	98% 95% 95% 95 95 95 95 95 95 95 95 95 95 95 95 95	<3% @ 1 98% 94.50% Y Y Y Tyi Tyi Y Y Y Y Y Y Y Y Y Y Y Y Y	98% 94.50% 'es 'es 'es 'es 'es 'es 'es 'es 'es 'e
THDv @ Linear Load Efficiency Max. Efficiency Battery Discharge to AC Efficiency Protection PV Reversed Polarity Protection Residual Current Monitor PV Over Voltage Protection PV Over Current Protection Anti-islanding Protection DC Surge Protection AC Surge Protection Insulation Resistor Detector Output Over Current Protection Output Short Circuit Protection Ouput Over Voltage Protection Generator AFCI Remote Shutdown Rapid Shutdown General Operating Temperature Range (°C) Relative Humidity	<3% @ 10 98% 95% Ye Ye Ye Ye Ye Ye Opti Opti Opti -25~60(>45 0~1	98% 95% 95% 95% 958 958 958 959 959 959 959 959 959 959	<3% @ 1 98% 94.50% Y Y Y Tyi Tyi Y Y Y Y Y O -25~60(>4 0~	98% 94.50% 'es 'es 'es 'es 'es 'es 'es 'es 'es 'e
THDv @ Linear Load Efficiency Max. Efficiency Battery Discharge to AC Efficiency Protection PV Reversed Polarity Protection Residual Current Monitor PV Over Voltage Protection PV Over Current Protection Anti-islanding Protection DC Surge Protection AC Surge Protection Insulation Resistor Detector Output Over Current Protection Output Short Circuit Protection Generator AFCI Remote Shutdown Rapid Shutdown General Operating Temperature Range (°C) Relative Humidity Max. Operating Altitude (m)	<3% @ 10 98% 95% Ye Ye Ye Ye Typ Typ Ye Ye Ye Ye Opti Opti Opti Opti -25~60(>45 0~1 40	98% 95% 95% 95% 958 958 958 958 959 959 959 959 959 959	<3% @ 1 98% 94.50% Y Y Y Tyi Tyi Y Y Y Y 4 -25~60(>4	98% 94.50% 'es 'es 'es 'es 'es 'es 'es 'es 'es 'e
THDv @ Linear Load Efficiency Max. Efficiency Battery Discharge to AC Efficiency Protection PV Reversed Polarity Protection Residual Current Monitor PV Over Voltage Protection PV Over Current Protection Anti-islanding Protection DC Surge Protection AC Surge Protection Insulation Resistor Detector Output Over Current Protection Output Over Current Protection Output Over Current Protection Output Over Voltage Protection Generator AFCI Remote Shutdown Rapid Shutdown General Operating Temperature Range (°C) Relative Humidity Max. Operating Altitude (m) Cooling Method	<3% @ 10 98% 95% Ye Ye Ye Ye Typ Typ Ye Ye Ye Ye Opti Opti Opti Opti Opti Fan Co Fan Co	98% 95% 95% 95% 958 958 958 958 959 959 959 959 959 959	<3% @ 1 98% 94.50% Y Y Y Tyi Tyi Y Y Y Y 4 -25~60(>4 0~ 4i Fan C	98% 94.50% 'es 'es 'es 'es 'es 'es 'es 'es 'es 'e
Efficiency Max. Efficiency Battery Discharge to AC Efficiency Protection PV Reversed Polarity Protection Residual Current Monitor PV Over Voltage Protection PV Over Current Protection Anti-islanding Protection DC Surge Protection AC Surge Protection Insulation Resistor Detector Output Over Current Protection Output Over Current Protection Output Over Current Protection Output Over Voltage Protection Generator AFCI Remote Shutdown Rapid Shutdown General Operating Temperature Range (°C) Relative Humidity Max. Operating Altitude (m) Cooling Method User Interface	<3% @ 10 98% 95% Ye Ye Ye Ye Typ Typ Ye Ye Ye Ye Opti Opti Opti -25~60(>45 0~1 40 Fan Co LED+	98% 95% 95% 95 95 95 95 95 95 95 95 95 95 95 95 96 96 97 97 97 97 97 97 97 97 97 97 97 97 97	<3% @ 1 98% 94.50% Y Y Y Tyi Tyi Y Y Y Y 4 Fan C LED	98% 94.50% fes fes fes fes fes fes fes fes fes fe
Efficiency Max. Efficiency Battery Discharge to AC Efficiency Protection PV Reversed Polarity Protection Residual Current Monitor PV Over Voltage Protection PV Over Current Protection Anti-islanding Protection DC Surge Protection AC Surge Protection Insulation Resistor Detector Output Over Current Protection Output Short Circuit Protection Generator AFCI Remote Shutdown Rapid Shutdown General Operating Temperature Range (°C) Relative Humidity Max. Operating Altitude (m) Cooling Method User Interface Communication	<3% @ 10 98% 95% Ye Ye Ye Ye Typ Typ Ye Ye Ye Ye Opti Opti Opti Opti -25~60(>45 0~1 40 Fan Co LED+ RS485/CAN (for B	98% 95% 95% 95% 958 958 958 96 Ell 97 Ell 98	<3% @ 1 98% 94.50% Y Y Y Tyr Tyr Y Y Y Y Y Y Y ED (RS485 (for Meter), Option	98% 94.50% 'es 'es 'es 'es 'es 'es 'es 'es 'es 'e
Efficiency Max. Efficiency Battery Discharge to AC Efficiency Protection PV Reversed Polarity Protection Residual Current Monitor PV Over Voltage Protection PV Over Current Protection Anti-islanding Protection DC Surge Protection AC Surge Protection Insulation Resistor Detector Output Over Current Protection Output Short Circuit Protection Generator AFCI Remote Shutdown Rapid Shutdown General Operating Temperature Range (°C) Relative Humidity Max. Operating Altitude (m) Cooling Method User Interface Communication Weight (kg)	<3% @ 10 98% 95% Ye Ye Ye Ye Typ Typ Ye Ye Ye Ye Opti Opti Opti Opti -25~60(>45 0~1 40 Fan Co LED+ RS485/CAN (for B 37	98% 95% 95% 95% 95% 95% 95% 95% 95% 95% 95		98% 94.50% 'es 'es 'es 'es 'es 'es 'es 'es 'es 'e
Efficiency Max. Efficiency Battery Discharge to AC Efficiency Protection PV Reversed Polarity Protection Residual Current Monitor PV Over Voltage Protection PV Over Current Protection Anti-islanding Protection DC Surge Protection AC Surge Protection Insulation Resistor Detector Output Over Current Protection Output Short Circuit Protection Generator AFCI Remote Shutdown Rapid Shutdown General Operating Temperature Range (°C) Relative Humidity Max. Operating Altitude (m) Cooling Method User Interface Communication Weight (kg) Dimension (W*H*D mm)	3% @ 10 98% 95% Ye Ye Ye Ye Typ Typ Ye Ye Ye Ye Opti Opti Opti Opti -25~60(>45 0~1 40 Fan Co LED+ RS485/CAN (for B 37 420*80	98% 95% 95% 95% 958 958 958 96 Ell 97 Ell 98		98% 94.50% 'es 'es 'es 'es 'es 'es 'es 'es 'es 'e
Efficiency Max. Efficiency Battery Discharge to AC Efficiency Protection PV Reversed Polarity Protection Residual Current Monitor PV Over Voltage Protection PV Over Current Protection Anti-islanding Protection DC Surge Protection AC Surge Protection Insulation Resistor Detector Output Over Current Protection Output Short Circuit Protection Generator AFCI Remote Shutdown Rapid Shutdown General Operating Temperature Range (°C) Relative Humidity Max. Operating Altitude (m) Cooling Method User Interface Communication Weight (kg) Dimension (W*H*D mm) Topology	3% @ 10 98% 95% 95% Ye Ye Ye Ye Ye Ye Ye Y	98% 95% 95% 95% 958 958 958 968 968 968 968 969 970 970 970 970 970 970 970 970 970 97	<3% @ 1 98% 94.50% Y Y Y Typ Typ Y Y Y Y Y Y Y Y Y Calculation Fan C LED 'RS485 (for Meter), Option 37 420*8 Transformation Transformation Transformation 40*8 Transformation Transformation 37 420*8 Transformation Transformation 37 420*8 Transformation	98% 94.50% 'es 'es 'es 'es 'es 'es 'es 'e
Efficiency Max. Efficiency Battery Discharge to AC Efficiency Protection PV Reversed Polarity Protection Residual Current Monitor PV Over Voltage Protection PV Over Current Protection Anti-islanding Protection DC Surge Protection AC Surge Protection Insulation Resistor Detector Output Over Current Protection Output Short Circuit Protection Generator AFCI Remote Shutdown Rapid Shutdown General Operating Temperature Range (°C) Relative Humidity Max. Operating Altitude (m) Cooling Method User Interface Communication Weight (kg) Dimension (W*H*D mm)	3% @ 10 98% 95% Ye Ye Ye Ye Typ Typ Ye Ye Ye Ye Opti Opti Opti Opti -25~60(>45 0~1 40 Fan Co LED+ RS485/CAN (for B 37 420*80	98% 95% 95% 95% 958 958 958 968 968 968 968 969 970 970 970 970 970 970 970 970 970 97	(3% @ 1 98% 94.50% Y Y Y Typ Typ Y	98% 94.50% 'es 'es 'es 'es 'es 'es 'es 'es 'es 'e

Safe / Reliable / Powerful 04



Hybrid Inverter-Three Phase 5K~10K



- Remote upgrade and configuration; safety-related functions integrated; easy for cooperating with BMS
- DC/AC Surge Protection TYPE II
- Optional Arc-Fault Circuit-Interrupter
- Low noise without fan design

	SRP-5KRT-H1	SRP-6KRT-H1	SRP-8KRT-H1	SRP-10KRT-H1
Battery Input Data				
Battery Type	Li-ion / Lead-acid	Li-ion / Lead-acid	Li-ion / Lead-acid	Li-ion / Lead-acid
Nominal Battery Voltage (V)	200	240	180	200
Battery Voltage Range (V)	150-600	150-600	150-600	150-600
Max. Charge/Discharge Current (A)	25/25	25/25	50/50	50/50
Max. Charge/Discharge Power (W)	9000/5800	9000/7000	15000/9100	15000/11300
PV String Input Data				
Max. Array Input Power (W)	8000	9000	12000	15000
Max. DC Input Voltage (V)	1000	1000	1000	1000
Nominal DC Input Voltage (V)	600	600	600	600
Start-up Voltage (V)	160	160	160	160
MPPT Voltage Range (V)	160-950	160-950	160-950	160-950
Max. Input Current per MPPT (A)	15/15	15/15	20/30	20/30
Max. Short-circuit Current per MPPT (A)	20/20	20/20	30/40	30/40
No. of MPPT	2	2	2	2
No. of Strings per MPPT	1+1	1+1	1+2	1+2
AC Input Data				
Nominal Input Apparent Power (VA)	5000	6000	8000	10000
Max. Input Apparent Power (VA)	15000	15000	15000	15000
Max. Input Current (A)	25	25	25	25
AC Output Data (on-grid)	5000	6000	0000	10000
Nominal Output Active Power (W)	5000	6000	8000	10000
Nominal Output Apparent Power (VA)	5000	6000	8000	10000
Max. Output Apparent Power (VA)	5500	6600	8800	10000
Nominal Output Voltage (V)			15, 3L+N+PE	
Output Voltage Range (V)			Adjustable)	
Nominal Output Frequency (Hz)			/60	
Output Frequency Range (Hz)	0.2		-65	467
Max. Output Current (A)	8.3	10	13.3	16.7
Power Factor	<3%	~ I (Adjustable from 0.8	3 leading to 0.8 lagging)	<3%
THDi Back-up Output Data	< 3%	< 3%	<3%	< 3%
Nominal Output Apparent Power (VA)	5000	6000	8000	10000
Max. Output Apparent Power (VA)	5500	6600	8800	11000
Nominal Output Voltage (V)	5500		15, 3L+N+PE	11000
Nominal Output Frequency (Hz)	50/60	50/60	50/60	50/60
Nominal Output Current (A)	7.6	9.1	12.2	15.2
Max. Output Current (A)	11.5	13.7	18.2	22.7
Transfer Time (ms)	10(typ) / 20(max)	10(typ) / 20(max)	10(typ) / 20(max)	10(typ) / 20(max)
THDv @ Linear Load	10(typ)/ 20(max)		0% R Load	10(typ)/ 20(max)
Efficiency		\3 % @ 10	0 /6 IV LOBU	
Max. Efficiency	98.20%	98.20%	98.40%	98.40%
Europ Efficiency	97.20%	97.20%	97.90%	97.90%
Protection	57.20%	37.2070	37.3070	37.3070
PV Reversed Polarity Protection	Ye	25	\	······································
Residual Current Monitor	Ye	25	,	· es
PV String Monitoring	Υe	?S	Yes	
AFCI	Optio	onal	Optional	
Anti-islanding Protection	Ye	?S	`	Yes .
DC/AC Surge Protection	Type II,	Type II	Type II, Type II	
Insulation Resistor Detector	Ye		Yes	
GFCI	Ye	s Yes		
Output Over Voltage / Current Protection	Yes		Yes	
	YE	Yes		
Output Short Circuit Protection			\	les es
•		25		res tional
Remote Shut Down	Ye	25		
Remote Shut Down General	Ye	es onal	Op:	
Remote Shut Down General Operating Temperature Range (°C) Relative Humidity	Ye Optid	es onal 5°C derating)	-25~60 (>	tional
Remote Shut Down General Operating Temperature Range (°C) Relative Humidity Max. Operating Altitude (m)	Ye Opti -25~60 (>4	es onal 5°C derating) 00%	Op: -25~60 (> 0~	tional 45°C derating)
Remote Shut Down General Operating Temperature Range (°C) Relative Humidity Max. Operating Altitude (m) Cooling Method	-25~60 (>4 0~1 4000 (>2000 Natural	es onal 5°C derating) 00% Om derating) Cooling	Op: -25~60 (> 0~ 4000 (>200	tional 45°C derating) 100%
Remote Shut Down General Operating Temperature Range (°C) Relative Humidity Max. Operating Altitude (m) Cooling Method	-25~60 (>4 0~1 4000 (>2000	es onal 5°C derating) 00% Om derating) Cooling	Op: -25~60 (> 0~ 4000 (>200 Natura	45°C derating) 100% 00m derating)
Remote Shut Down General Operating Temperature Range (°C) Relative Humidity Max. Operating Altitude (m) Cooling Method User Interface	-25~60 (>4 0~1) 4000 (>2000 Natural	es onal 5°C derating) 00% Om derating) Cooling -LED 485/CAN (for BMS), DRM/RCR	Op: -25~60 (> 0~ 4000 (>200 Natura	45°C derating) 100% 00m derating) I Cooling +LED
Remote Shut Down General Operating Temperature Range (°C) Relative Humidity Max. Operating Altitude (m) Cooling Method User Interface Communication	-25~60 (>4 0~1) 4000 (>2000 Natural	essonal 5°C derating) 00% Om derating) Cooling -LED 485/CAN (for BMS), DRM/RCR USB (Firmware upgrade), Opt	Op: -25-60 (> 0~ 4000 (>200 Natura APP (for DI) / RS485 (for Meter) 1* ional: WiFi/GPRS/4G/Ethernet	45°C derating) 100% 00m derating) I Cooling '+LED
Remote Shut Down General Operating Temperature Range (°C) Relative Humidity Max. Operating Altitude (m) Cooling Method User Interface Communication	-25~60 (>4 0~1) 4000 (>2000 Natural APP+	essonal 5°C derating) 00% Om derating) Cooling -LED 485/CAN (for BMS), DRM/RCR USB (Firmware upgrade), Opt	Op: -25-60 (>- 0~ 4000 (>200 Natura APP (for DI) / RS485 (for Meter) 1* ional: WiFi/GPRS/4G/Ethernet	45°C derating) 100% 00m derating) I Cooling + LED
Remote Shut Down General Operating Temperature Range (°C) Relative Humidity Max. Operating Altitude (m) Cooling Method User Interface Communication Weight (kg) Dimension (W*H*D mm)	Ye Option -25~60 (>4 0~1) 4000 (>2000 Natural APP+ RS-	essonal 5°C derating) 00% Om derating) Cooling -LED USB (Firmware upgrade), Opt 0 60*212	Op: -25~60 (> 0~ 4000 (>200 Natura APP (for DI) / RS485 (for Meter) 1* ional: WiFi/GPRS/4G/Ethernet	45°C derating) 100% 00m derating) I Cooling + LED DO
Output Short Circuit Protection Remote Shut Down General Operating Temperature Range (°C) Relative Humidity Max. Operating Altitude (m) Cooling Method User Interface Communication Weight (kg) Dimension (W*H*D mm) Topology Ingress Protection Rating	Yee Option -25~60 (>4 0~1) 4000 (>2000 Natural APP+ RS- 31 530*55	essonal 5°C derating) 00% Om derating) Cooling -LED 485/CAN (for BMS), DRM/RCR USB (Firmware upgrade), Opt 0 60*212 merless	Op: -25~60 (> 0~ 4000 (>200 Natura APP (for DI) / RS485 (for Meter) 1* ional: WiFi/GPRS/4G/Ethernet	45°C derating) 100% 00m derating) I Cooling + LED DO



Hybrid Inverter - Three Phase 15K/30K



- Dual load outputs can help to reach smart load management
- Support the access of generators
- Buit-in wifi module design to make communication more stable
- Remote upgrade and configuration
- IP65 protection to ensure the inverter can work under various environmental conditions

	SRP-15KCT-H1	SRP-30KCT-H1
Battery Input Data		
Battery Type	Li-ion / Lead-acid	Li-ion / Lead-acid
Nominal Battery Voltage (V)	48	600
Battery Voltage Range (V)	40~65	500~850
Max. Charge/Discharge Current (A)	300/300	50/50
Max. Charge/Discharge Power (W)	15000/15000	30000/30000
PV String Input Data		
Max. Array Input Power (W)	16000	40000
Max. DC Input Voltage (V)	1000	1000
Nominal DC Input Voltage (V)	720	720
Start-up Voltage (V)	320	320
MPPT Voltage Range (V)	350~850	350~900
Max. Input Current per MPPT (A)	27/27	26/26/26
Max. Short-circuit Current per MPPT (A)	30/30	30/30/30
No. of MPPT	2	3
No. of Strings per MPPT	2	2
AC Input Data	_	_
Nominal Input Apparent Power (VA)	15000	30000
Max. Input Apparent Power (VA)	16000	40000
Max. Input Current (A)	40	50
AC Output Data (on-grid)	40	
	15000	30000
Nominal Output Apparent Power (W)		
Nominal Output Apparent Power (VA)	15000	30000
Max. Output Apparent Power (VA)	16500	33000
Nominal Output Voltage (V)	380 / 400 / 4	
Output Voltage Range (V)	277~520(A	•
Nominal Output Frequency (Hz)	50/	60
Output Frequency Range (Hz)	45-65(A)	ustable)
Max. Output Current (A)	21.7	43.5
Power Factor	\sim 1 (Adjustable from 0.8	leading to 0.8 lagging)
THDi	<3%	<3%
Back-up Output Data		
Nominal Output Apparent Power (VA)	15000	30000
Max. Output Apparent Power (VA)	16500	33000
Nominal Output Voltage (V)	380 / 400 / 41	5, 3L+N+PE
Nominal Output Frequency (Hz)	50/60	50/60
Max. Output Current (A)	23.9	47.8
Transfer Time (ms)	10(typ) / 20(max)	10(typ) / 20(max)
THDv @ Linear Load	<3% @10	**
Efficiency	370 @ 10	0 70 TK 2500
Max. Efficiency	96.50%	96.50%
Europ Efficiency	95.80%	96.00%
,	91.00%	96.00%
Battery Discharge to AC Efficiency	31.00%	90.00 %
Protection		
PV / Battery Reversed Polarity Protection	Ye	
Residual Current Monitor	Ye	
DC Over Voltage / Current Protection	Ye	
DC Switch	Ye	
Anti-islanding Protection	Ye	es .
DC / AC Surge Protection	Type II,	Type II
Insulation Resistor Detector	Yes	
Output Over Voltage / Current Protection	Yes	
AC Short Circuit Protection	Ye	es .
Remote Shut Down	Opti	onal
Generator	Ye	
General		
Operating Temperature Range (°C)	-25~60 (>45	°C derating)
Relative Humidity	0~1	
Max. Operating Altitude (m)	400	
· · · · · · · · · · · · · · · · · · ·		
Cooling Method	Fan Co	-
User Interface	APP+	
Communication	RS232, USB, CA	
Weight (kg)	74	76.3
Dimension (W*H*D mm)	660*750*255	660*750*255
Topology	Transfor	
Ingress Protection Rating	IPE	55
Mounting Method	Wall B	racket



Off-Grid Inverter - Single Phase 3K/5K



Product Features

- Compatible with most common low-voltage batteries (lead-acid & lithium)
- 5K supports 9 units working in parallel at most
- Max charging current up to 120A
- LCD screen, safely interactive design between users and inverters
- Monitoring via app by WiFi; easy for cooperating with BMS
- Smart fan cooling design

SRP-5KRS-F1
Li-lon/Lead-acid
48Vdc
5000
5000
Yes, 9 units maximum
230Vac ± 5% @50/60Hz
10000
93%
Pure sine wave
), 15ms (for home appliances)
6000
120Vdc-430Vdc
1
1
18
500Vdc
80
80
230Vac
90-280 Vac (For Home Appliance
50/60
Display+LED
PRS, RS485/CAN, Dry-contact
IP20
300*450*110.5
8
20% ~ 95%
2000m, >1000m derating
0~50 (>40°C derating)
-15~60
Yes
Ýes
pe III
Ýes
Yes
Yi Yi



Off-Grid Inverter - Single Phase 6K



Product Features

- Compatible with most common low-voltage batteries (lead-acid & lithium)
- Supports 12 units working in parallel at most
- Max charging current up to 120A
- IP54 design to ensure the inverter can work under various environmental conditions
- LCD screen, safely interacitve design between users and inverters
- Monitoring via app by WiFi; easy for cooperating with BMS
- Smart fan cooling design

	SRP-6KRS-F1
Battery Input	
Battery Type	Li-lon/Lead-acid
Battery Voltage	48Vdc
Inverter Output	
Nominal Power(W)	6000
Nominal Apparent Power (VA)	6000
Parallel Capacity	Yes, 12 units maximum
AC Voltage Regulation (Battery Mode)	230Vac ± 5% @50/60Hz
Surge Power (VA)	12000
Efficiency (peak)	93%
Waveform	Pure sine wave
Transfer Time	10ms (for personal computers), 15ms (for home appliances)
Solar Charger	
Max. PV Array Power (W)	6000
MPPT Range @ Operating Voltage	75Vdc-450Vdc
Number of Independent MPP Trackers	1
Number of Strings Per MPPT	1
Max. Input Current Per MPPT (A)	27
Max. PV Array Open Circuit Voltage (V)	500Vdc
Max. Solar Charge Current (A)	80
AC Charger	
Max. AC Charge Current(A)	120
AC Input Voltage (V)	230Vac
Voltage Range (V)	170-280Vac (For Personal Computers); 90-280 Vac (For Home Appliances)
Frequency Range(Hz)	50/60
General	
User Interface	APP+LCD Display
Communication	RS232, Dry-contact,Wi-Fi, RS485CAN
Ingress Protection Rating	IP54
Dimension (W*H*D mm)	325*440*115
Weight (kg)	13
Relative Humidity	5% ~ 95%
Max. Operating Altitude (m)	4000(>2000m derating)
Operating Temperature(°C)	0~50
Storage Temperature(°C)	-15~60
Protection	
PV Reversed Polarity Protection	Yes
PV Over Voltage Protection	Yes
PV Over Current Protection	Yes
Battery Reversed Polarity Protection	Yes
Battery Over Voltage Protection	Yes
Battery Over Current Protection	Yes
AC Surge Protection	Type III,Type III
Output Over Current Protection	Yes
Output Short Circuit Protection	Yes
Output Over Voltage Protection	Yes
•	



Grid-Tied Inverter-Single Phase 8K/10K



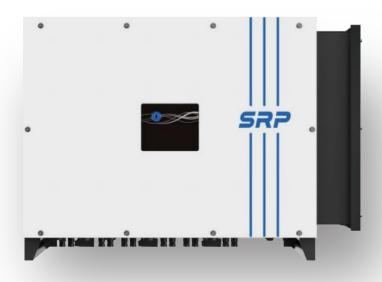
- Remote upgrade and configuration; safety-related functions integrated
- IP65 protection
- Low noise without fan design

Alax. Array Input Power (W) 12000 15000 Alax. DC Input Voltage (V) 550 550 Alominal DC Input Voltage (V) 360 360 Amount PV Voltage Range (V) 70-540 70-540 Amount Current per MPPT (A) 2*15/20 2*15/20 Amount Current per MPPT (A) 2*20/26 2*20/26 Amount Current per MPPT (A) 2*20/26 2*20/26 Amount Current per MPPT (A) 2*2 2 Amount Current per MPPT (A) 2*20/26 2*20/26 Amount Current per MPPT (A) 2*20/26 2*20/26 Amount Current per MPPT (A) 2*20/26 2*20/26 Amount Current per MPPT (A) 8000 10000 Amount Active Power (W) 8000 10000 Amount Active Power (W) 8800 10000 Amount Active Power (W) 160-300 (Adjustable)		SRP-8KRS-G1	SRP-10KRS-G1
Abe. DC Input Voltage (V) 550 550 command DC Input Voltage (V) 360 360 Aber DC Input Voltage (V) 90 90 Aber DC Input Voltage (V) 70-840 70-840 Aber DC Input Voltage (V) 27-1520 27-1520 Aber DC Input Voltage (V) 27-2026 27-2026 Aber DC Input Voltage (V) 27-2026 27-2026 About DC Input DC Input Voltage (V) 21-2026 27-2026 About DC Input DC Input PC Input DC Input PC Input DC Input DC Input PC Input DC Input PC Input DC	PV String Input Data		
Deminal DC Input Voltage (V)	Max. Array Input Power (W)	12000	15000
tart-up Voltage (V) 90 90 APPF Voltage Range (V) 70-540 70-540 Ass. Short-circuit Current per MPPT (A) 2 * 15/20 2 * 20/26 Ass. Short-circuit Current per MPPT (A) 2 * 20/26 2 * 20/26 Ass. Short-circuit Current per MPPT 2 2 2 Loo of Strings per MPPT 3 3000 100000 Ass. Collage Current (A) 8000 100000 Ass. Callyut Alparent Power (W) 8000 100000 Ass. Callyut Alparent Power (W) 8000 100000 Ass. Callyut Current (A) 45 6.50 (Agiustable) 150-300 (Agiustable) Loominal Output Frequency Range (Fz) 45 6.50 (Agiustable) 45 6.50 (Agiustable) Loominal Output Frequency Range (Fz) 45 6.50 (Agiustable) 45 6.50 (Agiustable) Loominal Output Frequency Range (Fz) 45 6.50 (Agius	Max. DC Input Voltage (V)	550	550
## Voltage Range (V) 70-540 70-540 21-1520 21	Nominal DC Input Voltage (V)	360	360
Ans. Input Current per MPPT (A) 2*15/20 2*15/20 4/25 Ans. Short-cruct Current per MPPT (A) 2*20/26 2*20/26 (as. of MPPT 2 2 2 2 2 (as. of Strings per MPPT 3*2*1** 2*1** 3*2*	Start-up Voltage (V)	90	90
Alex Short-circuit Current per MPPT (A) 2*20/256 2*20/256 No. of MPPT 2 2 Lo. of Strings per MPPT 2+1 2+1 Lo. of Strings per MPPT 2+1 2+1 Lot Output Detail 100000 Lot Output Dupt Active Power (W) 38000 100000 John Alex Output Apparent Power (W) 38000 100000 John Children (W) 38000 100000 John Children (W) 3800 100000 John Children (W) 45000 450000 John Children (W) 45000 450000 John Children (W) 45000 450000 John Children (W) 98.20% 98.20% John Children (W) 98.20% 98.20% John Children (W) 98.20% 98.20%	MPPT Voltage Range (V)	70-540	70-540
do. of MPPT 2 2 to. of Strings per MPPT 2 + 1 2 + 1 Counting Dupt Data 2 2 Isominal Cuput Active Power (W) 8000 10000 John Land Cuput Active Power (W) 8000 10000 Ass. Output Active Power (W) 8800 10000 Ass. Output Active Power (W) 8800 10000 Isominal Output Voltage (V) 220 / 230, L + N + P 10000 Unique Voltage Frange (V) 160 300 (Adjustable) 100 300 (Adjustable) Isominal Output Voltage (V) 200 (Adjustable) 45 + 65 (Adjustable) Unique Voltage Frange (V) 45 + 65 (Adjustable) 45 + 65 (Adjustable) Unique Trequency (Hz) 45 + 65 (Adjustable) 45 + 65 (Adjustable) Use Current (A) 40 45 + 55 (Adjustable) Use Current (A) 40 45 + 55 (Adjustable) Use Current (A) 40 45 + 55 (Adjustable) Use Current (A) 45 + 56 (Adjustable) 45 + 56 (Adjustable) Use Current (A) 45 + 56 (Adjustable) 45 + 56 (Adjustable) 45 + 56 (Adjustable)	Max. Input Current per MPPT (A)	2*15/20	2*15/20
Section Strings per MPPT	Max. Short-circuit Current per MPPT (A)	2*20/26	2*20/26
	No. of MPPT	2	2
Seminal Quput Active Power (W) 8000 10000	No. of Strings per MPPT	2+1	2+1
	AC Output Data		
Ana. Cuput Active Power (W) 8800 10000 Ana. Cuput Apparent Rower (VA) 8800 10000 John (Auticupt Voltage (V) 220 / 230, L + N + PE John (Auticupt Voltage (V) 160-300 (Adjustable) 160-300 (Adjustable) John (Auticupt Voltage (RD) 50/60 50/60 Jubrupt Voltage (RD) 45-65 (Adjustable) 45-65 (Adjustable) John (Auticupt Current (A) 40 45-56 (Adjustable) John (Auticupt Current (A) 40 40 45-56 (Adjustable) John (Auticupt Current (A) 40 40 40 40 40 40 40 40 40 40	Nominal Ouput Active Power (W)	8000	10000
Abor Coutput Apparent Power (VA) 8800 10000 John Command Coutput Voltage (VY) 220 / 230, L + N + PE 160-300 (Adjustable) John Ly Voltage Range (V) 160-300 (Adjustable) 160-300 (Adjustable) 50/60 50/60 Output Prequency (Hz) 45-65 (Adjustable) 45-65 (Adjustable) 45-65 (Adjustable) John Coutput Current (A) 40 45-5 45-50 John Coutput Current (A) 40 45-5 45-50	Nominal Output Apparent Power (VA)	8000	10000
Dumpin Voltage (V)	Max. Ouput Active Power (W)	8800	10000
Output Voltage Range (V) 160-300 (Adjustable) 160-300 (Adjustable) Jominal Output Frequency (Hz) 50/60 50/60 Jutput Frequency Range (Hz) 45-65 (Adjustable) 45-65 (Adjustable) Jax. Coutput Current (A) 40 45-55 Jax. Efficiency 1 (Adjustable from 0.8 leading to 0.8 leaging) HDi <3% <3% HDi <3% <3% HDi <3% <3% ### Common	Max. Output Apparent Power (VA)	8800	10000
Dutput Voltage Range (V) 160-300 (Adjustable) 160-300 (Adjustable) Jornian Joutput Frequency (Hz) 50/60 50/60 Dutput Frequency Range (Hz) 45-65 (Adjustable) 45-65 (Adjustable) Asc. Cutput Current (A) 40 45-55 (Adjustable) HDi <3% <3% Mac. Cutput Current (A) 40 <3% Mac. Efficiency 98.20% 98.20% Mac. Efficiency 97.50% 98.20% Mac. Efficiency 97.50% 97.50% Vover Current Protection Yes Yes V Over Current Protection Yes Yes VC Surger Protection Yes Yes VC Surger Protection Type III Type III VC Surger Protection Yes Yes VC Surger Protection Yes Yes VC Surger Protection Yes Yes <td>Nominal Output Voltage (V)</td> <td>220 / 230,</td> <td>L + N + PE</td>	Nominal Output Voltage (V)	220 / 230,	L + N + PE
dominal Output Frequency (Hz) 50/60 50/60 Dutput Frequency Range (Hz) 45-65 (Adjustable) 45-65 (Adjustable) Jax. Output Current (A) 40 45-5 Ower Factor 1 (Adjustable from 0.8 leading to 0.8 lagging) HDI <3% <3% Carrent (A) Weekers (A) Weekers (A) Weekers (A) Weekers (A) Yeekers (A) Yeekers (A) VO over Voltage Protection Yeekers (A) Yeekers (A) VO over Current Protection Yeekers (A)	Dutput Voltage Range (V)	160-300 (Adjustable)	160-300 (Adjustable)
Abox Output Current (A) 40 45.5 Lower Factor **1 (Adjustable from 0.8 leading to 0.8 lagging) HDI < 3% < 3% 43% 43% 43% 43% 43% 43% 43% 43% 43% 43% 43% 43% 43% 43% 98.20% 43% 98.20% 43% 97.60% 43% 98.20% 43% 98.20% 43% 98.20% 43% 98.20% 43% 98.20% 43% 98.20% 98.20% 43% 94% 94% 43% 94% 94% 94% 43% 94% 94% 94% 94% 94%	Nominal Output Frequency (Hz)	50/60	50/60
Abox Output Current (A) 40 45.5 Lower Factor **1 (Adjustable from 0.8 leading to 0.8 lagging) HDI < 3% < 3% 43% 43% 43% 43% 43% 43% 43% 43% 43% 43% 43% 43% 43% 43% 98.20% 43% 98.20% 43% 97.60% 43% 98.20% 43% 98.20% 43% 98.20% 43% 98.20% 43% 98.20% 43% 98.20% 98.20% 43% 94% 94% 43% 94% 94% 94% 43% 94% 94% 94% 94% 94%	Output Frequency Range (Hz)	45-65 (Adjustable)	45-65 (Adjustable)
HBI	Max. Output Current (A)		
HBI	Power Factor	~1 (Adjustable from 0.	8 leading to 0.8 lagging)
Admit Efficiency 98.20% 98.20% Jump Efficiency 97.50% 97.60% Voter College Ves Yes V Over Voltage Protection Yes Yes V Over Voltage Protection Yes Yes V Over Current Protection Yes Yes V Switch Yes Yes V Surge Protection Type III Type III V Surge Protection Yes Yes Ves Yes Yes Ves Yes Yes V Surge Protection Yes	THDi	·	
Ask Efficiency 98.20% 98.20% Vorpo Efficiency 97.50% 97.60% Vortection Ves Yes V Over Voltage Protection Yes Yes V Over Current Protection Yes Yes V Switch Yes Yes V Surge Protection Type III Type III V Surge Protection Yes Yes View Yes Yes V Surge Protection Yes Y	Efficiency		
curop Efficiency 97.50% 97.60% rotection Yes Yes V Newersed Polarity Protection Yes Yes V Over Voltage Protection Yes Yes V Over Current Protection Yes Yes V Control Yes Yes V Control Yes Yes V Control Type III Type III V Control Yes Yes V Control Yes Yes V Control Type III Type III V Control Yes Yes V		98.20%	98.20%
Velowersed Polarity Protection Yes Yes V Over Voltage Protection Yes Yes V Over Current Protection Yes Yes V Over Current Protection Yes Yes V C Switch Yes Yes V Surge Protection Type III Type III V Surge Protection Yes Yes	Europ Efficiency	97.50%	97.60%
V Over Voltage Protection Yes Yes V Over Current Protection Yes Yes V Over Current Protection Yes Yes Activities and the protection Yes Yes V Surge Protection Type III Type III V Surge Protection Type III Type III Activity Surger Protection Yes Yes SPCI Yes Yes SPCI Yes Yes Output Over Current Protection Yes Yes Output Over Voltage Protection Yes Yes VECI Optional Optional Operating Temperature Range ("C") -25~60 (>45°C derating) Velative Humidity 0~100% Max. Operating Altitude (m) 4000 (> 2000m derating) Optional Method Natural Cooling Very Interface Wireless & APP+LED, LCD (optional) Communication Optional: WiFi/GPRS/4G/LAN/RS485 Veight (kg) 16 16 Oimension (W*H*D mm) 400*450*170 400*450*170 Opplogly	Protection		
V Over Voltage Protection Yes Yes V Over Current Protection Yes Yes V Over Current Protection Yes Yes Activities and the protection Yes Yes V Surge Protection Type III Type III V Surge Protection Type III Type III Activity Surger Protection Yes Yes SPCI Yes Yes SPCI Yes Yes Output Over Current Protection Yes Yes Output Over Voltage Protection Yes Yes VECI Optional Optional Operating Temperature Range ("C") -25~60 (>45°C derating) Velative Humidity 0~100% Max. Operating Altitude (m) 4000 (> 2000m derating) Optional Method Natural Cooling Very Interface Wireless & APP+LED, LCD (optional) Communication Optional: WiFi/GPRS/4G/LAN/RS485 Veight (kg) 16 16 Oimension (W*H*D mm) 400*450*170 400*450*170 Opplogly	PV Reversed Polarity Protection	Yes	Yes
V Over Current Protection Yes Yes CC Switch Yes Yes Activities Yes Yes Activities Yes Yes Activities Type III Type III Activities Yes Yes Activities Yes	·	Yes	Yes
DC Switch Yes Yes Initi-islanding Protection Yes Yes DC Surge Protection Type III Type III NC Surge Protection Type III Type III NC Surge Protection Yes Yes SECI Yes Yes Dutput Over Current Protection Yes Yes Dutput Over Current Protection Yes Yes Dutput Over Voltage Protection Yes Yes VECI Optional Optional Sectoreal Optional Optional Depending Temperature Range (°C) -25—60 (>45°C derating) Optional	•		
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Transformerless Transformerless elf-consumption at Night (W) <1 <1			
self-consumption at Night (W) <1 <1			
ngress Protection Kating IP65 IP65	-		
Mounting Method Wall Bracket Wall Bracket	Ingress Protection Rating Mounting Method		



Grid-Tied Inverter-Three Phase 100K~125K





Product Features

- 150% PV configuration, 110% output overload
- Max 9 MPPTs design
- Integrated I/V scanning, support AFCI and PID Recovery
- IP66 protection, C5 anti-corrosion optional
- Remote upgrade and configuration; safety-related functions integrated

	SRP-100KCT-G1	SRP-110KCT-G1	SRP-125KCT-G1
PV String Input Data			
Max. Array Input Power (kW)	150	165	187.5
Max. DC Input Voltage (V)		1100	
Nominal DC Input Voltage (V)		620	
Start-up Voltage (V)		250	
MPPT Voltage Range (V)		200-1000	
Max. Input Current per MPPT (A)	3*40/5*32	3*	40/6*32
Max. Short-circuit Current per MPPT (A)	3*50/5*45	3*	50/6*45
No. of MPPT	8		9
No. of Strings per MPPT	o o	2	
AC Output Data			
Nominal Ouput Active Power (kW)	100	110	125
Nominal Output Apparent Power (kVA)	100	110	125
Max. Ouput Active Power (kW)	110	121	137.5
Max. Output Apparent Power (kVA)	110	121	137.5
Nominal Output Voltage (V)		400Vac, 3L+N+PE	19713
Nominal Output Frequency (Hz)		50/60	
Output Frequency Range (Hz)		45~65 (Adjustable)	
Max. Output Current (A)	168.8	187	167.3
Power Factor		justable from 0.8 leading to 0.8 la	
THDi	<3%	<3%	<3%
Efficiency	<u> </u>	×370	<u> </u>
Max. Efficiency	98.50%	98.60%	98.80%
Europ Efficiency	98.00%	98.20%	98.40%
Protection	30.00 %	30.20 %	30.4070
PV Reversed Polarity Protection		Yes	
Residual Current Monitor		Yes	
PV Over Voltage Protection	Yes Yes		
PV Over Current Protection	Yes		
AFCI		Optional	
DC Switch		Yes	
PID Recovery		Optional	
PV String Monitoring		Optional	
Anti-islanding Protection		Yes	
DC/AC Surge Protection		Type II, Type II	
Insulation Resistor Detector		Yes	
GFCI		Yes	
Output Over Current Protection		Yes	
Output Short Circuit Protection		Yes	
Ouput Over Voltage Protection		Yes	
Night Load Consumption Monitoring		Optional	
		Орнопа	
General Operating Temperature Range (°C)		2F CO (- 4F0C)	
Relative Humidity		-25~60 (>45°C derating)	
Max. Operating Altitude (m)		0~100%	
	Ena Caplina	4000 (>2000m derating)	Fan Continu
Cooling Method	Fan Cooling	Fan Cooling	Fan Cooling
User Interface		ireless & APP+LED, LCD (optional	
Communication	RS	485, Optional: WiFi/GPRS/4G/LAN	V
Weight (kg)		92	
Dimension (W*H*D mm)		850*670*356	
Topology		Transformerless	
Self-consumption at Night (W)		<10	
Ingress Protection Rating		IP66	
Mounting Method		Wall Bracket	

SRP

Portable Off-Grid Inverter Eagle 700, Eagle 1200



Portable Device	Eagle 700	Eagle 1200
Input Data		
Battery Type	Li-ion	Li-ion
Nominal Battery Voltage (V)	24	24
Battery Voltage Range (V)	22-28.8	22-28.8
Max. Charge/Discharge Current (A)	40(Grid)+20(PV)/30	40(Grid)+20(PV) /52
Nominal PV Input Voltage (V)	27	27
PV Input Voltage Range (V)	24-32	24-32
Nominal PV Input Current (A)	15	15
Max. PV Input Current (A)	20	20
Nominal PV Input Power (W)	405	405
Max.PV Input Power (W)	500	500
Nominal Input AC Voltage From The Grid (V)	160-276 @50Hz/60Hz	160-276 @50Hz/60Hz
Max. AC Input Power From The Grid (W)	600	900
Max. AC Input Current From The Grid (A)	6	13
Output Data		
USB-C (2 ports)	5V=3A, 9V=3A, 12V=2.25A, 3.3~11V=3A, 20V=2.25A, Max. output power 45W per port	5V=3A, 9V=3A, 12V=2.25A, 3.3~11V=3A, 20V=2.25A, Max. output power 45W per port
USB-A QC (2 ports)	5V=3A,9V=2A,12V=1.5A(Nominal),Max. output power 18W per port	5V=3A,9V=2A,12V=1.5A(Nominal),Max. output power 18W per port
AC Output (2 ports)	Pure Sine Wave,700W, 216Vac-224Vac@50Hz/60Hz	Pure Sine Wave,1200W, 216Vac-224Vac@50Hz/60Hz
UPS Mode		
Transfer Time	10	ms
General		
Operating Temperature Range (°C)	-20-	~50
Storage Temperature Range (°C)	-20-	~60
User Interface	Button	ı+LED
Weight (kg)	2.1	2.6
Dimension (W*H*D mm)	275*93*196	330*93*196



Product Features

- Particularly wonderful outlook and relatively convenient design
- Compatible with common 24V lithium batteries
- Support maximum 800W solar input to charge the battery or offer load power
- Bidirectional DC-AC usages (provide AC power to AC loads or charge the battery from the grid)
- Highly integrated USB-A, USB-C, as well as AC ports
- Support UPS function (transfer time <80ms)
- Thoughtful design with anti-slip rubber pads on the bottom



The Portable Off-Grid Inverter can be used with Multi-purpose LFP Battery



Residential Rack-mounted Battery SRP-5000U





Product Features



High Security

- High safety LFP cell selected, UL9540A certificated
- Active protection design, ensure battery running under safety condition



Efficiency

- Vertical integration BMS & Inverter protocol, one platform to see system message
- <430mm depth and light weight, more compact and space saved
- KISS principle, plug & play



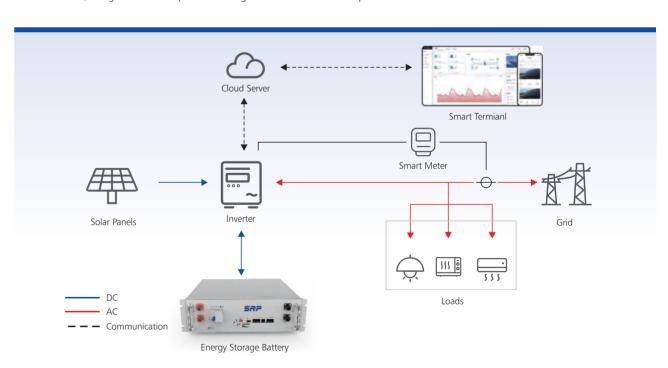
Economic

- >6000 cycles with >80% EOL, achieve more benefits;
- LCOE lower 2~8%, shorter payback period

	SRP-5000U
Contents	Technical Data
Product Type	SRP-5000U
System Energy (Wh)*	5120
Usable Energy (Wh)*	5000
DOD Recommended	95% On Grid, 80% Off Grid
Cell Type	LFP
Nominal Voltage (V)	51.2
Working Voltage Range (V)	48~56.8
Nominal Dis-/ Charge Current (A)**	60
Max. Charge Current (A)	95
Peak Current	100A@3s
Nominal Power (W)**	3000
Max. Power (W)	5000
Peak Power (only discharge)	6000W@3s
Max. Connection No. in Parallel	16
Communication	CAN, RS 485
Dimension (W*H*D mm)	442*133*430
Weight (kg)	<46
Ingress Protection Rating	IP20
Relative Humidity	0~95%RH (no condensed water)
Max. Operating Altitude (m)	<4000m (>2000m power derating)
Cycle Life	6000, >80% EOL
Mounted Method	Wall Mounted, bracket, cabinet

^{*:}Test conditions, cell Voltage 2.5 \sim 3.65V, 0.5C charge & discharge at $+25\pm2$ °C for battery system at beginning life. System Usable Energy may vary with different Inverter.

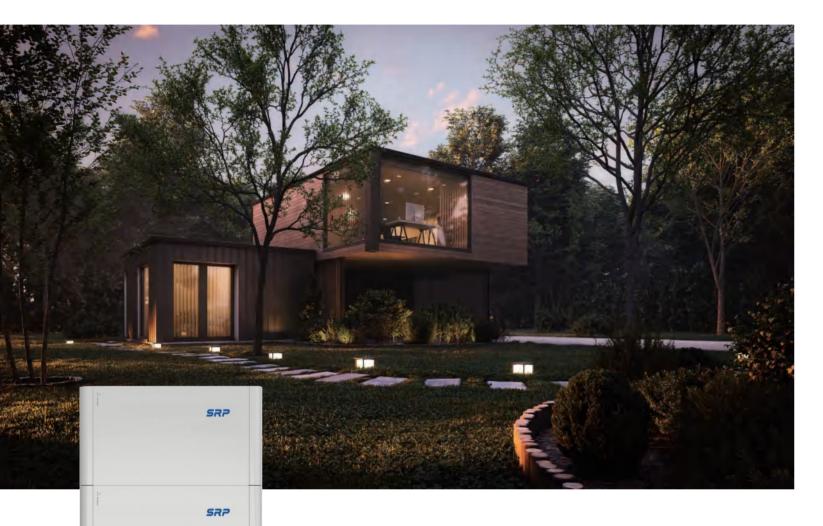
^{**:} Nominal Dis-/Charge Current and power derating will occur related to Temperature and SOC.



Residential Energy Storage System



Residential Stacked Battery SRP-5000L



Product Features





- High safety LFP cell selected, UL9540A certificated
- Active protection design, ensure battery running under safety condition
- Ip65 and C4-H protection case



Efficiency

- Vertical integration BMS & Inverter protocol, one platform to see system message
- Compact and light weight, save installation cost
- KISS principle, plug & play



Economic

- >6000 cycles with >80% EOL, achieve more benefits
- LCOE lower 2~8%, shorter payback period

	SRP-5000L
Contents	Technical Data
Product Type	SRP-5000L
System Energy (Wh)*	5120
Usable Energy (Wh)*	5000
DOD Recommended	95% On Grid, 80% Off Grid
Cell Type	LFP
Nominal Voltage (V)	51.2
Working Voltage Range (V)	48~56.8
Nominal Dis-/ Charge Current (A)**	60
Max. Charge Current (A)	95
Peak Current	100A@3s
Nominal Power (W)**	3000
Max. Power (W)	5000
Peak Power (only discharge)	6000W@3s
Max. Connection No. in Parallel	4
Communication	CAN, RS 485
Dimension (W*H*D mm)	670*370*150
Weight (kg)	<52
Ingress Protection Rating	IP65
Relative Humidity	0~95%RH (no condensed water)
Max. Operating Altitude (m)	<4000m (>2000m power derating)
Cycle Life	6000, >80% EOL
Mounted Method	Wall mounted

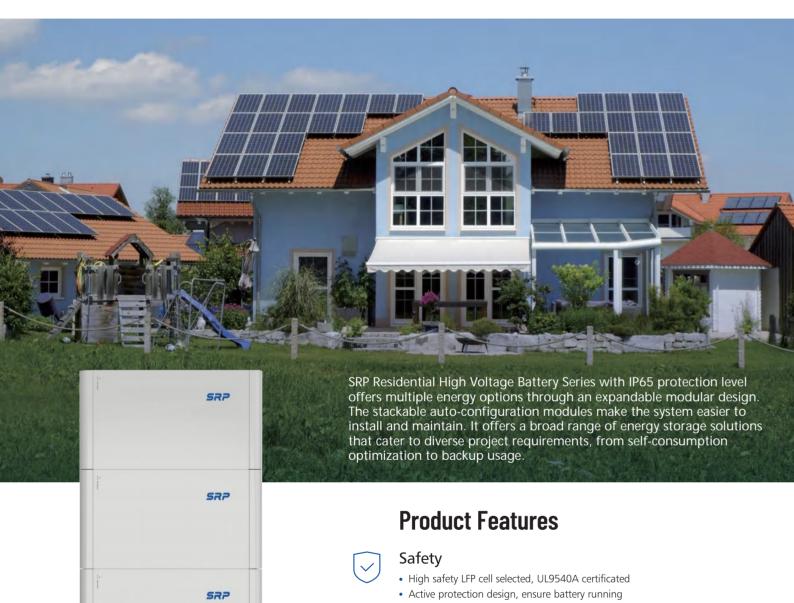
^{*:}Test conditions, cell Voltage 2.5~3.65V, 0.5C charge & discharge at +25±2 °C for battery system at beginning life. System Usable Energy may vary with different Inverter.

SRP

^{**:} Nominal Dis-/Charge Current and power derating will occur related to Temperature and SOC.

SRP

Residential High Voltage Battery SRP-5000D



- under safety condition
- Built-in isolated power converter



- Vertical integration BMS & Inverter protocol, service more efficient
- Compact and light weight, save installation cost
- KISS principle, plug & play
- >6000 cycles with >80% EOL, achieve more benefits



Flexibility

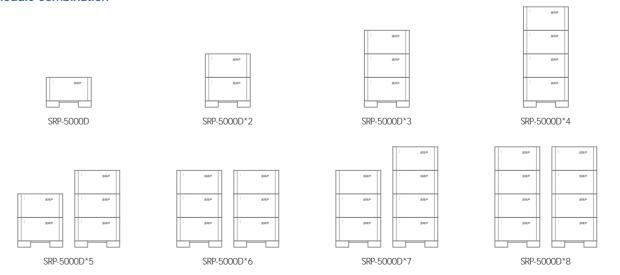
- Support mixed use of new and old batteries
- Flexible module design, supports capacity expansion unconditionally

Contents				Techr	nical Data			
Product Type	SRP-5000D	SRP-5000D*2	SRP-5000D*3	SRP-5000D*4	SRP-5000D*5	SRP-5000D*6	SRP-5000D*7	SRP-5000D*8
Module Type	SRP-5000D-M0							
Module Number	1	2	3	4	5	6	7	8
System Energy (Wh)*	5120	10240	15360	20480	25600	30720	35840	40960
Usable Energy (Wh)*	5000	10000	15000	20000	25000	30000	35000	40000
DOD Recommended	95% On Grid, 80% Off Grid							
System Nominal Voltage (V)	400							
Output Voltage Range (V)	350~435							
Nominal Output Current (A)**	7.5	15	22.5	28	37.5	45	50	50
Max. Output Current (A)	8.8	17.5	26.3	35	43.4	52.5	55	55
Peak Output Current	15A,10s	30A,10s	45A,10s	60A,10s	60A,10s	60A,10s	60A,10s	60A,10s
Nominal Power (kW)**	3	6	9	12	15	18	20	20
Max. Power (kW)	3.5	7	10.5	14	17.5	21	22	22
Peak Power (kW)	6	12	18	24	24	24	24	24
Communication	CAN,RS485							
Weight (kg)	65	115	165	215	315	345	395	445
Ingress Protection Rating	IP65							
Relative Humidity	<95% (no condensed water)							
Altitude Limited (m)	< 4000m (> 2000m power derating)							
Environment Class	C4-H							
Install Method	Grounded, wall mounted							
Cycle Life	6000							
Cycle Efficiency				95.	60%			

	SRP-5000D-M0
Module Name	SRP-5000D-M0
System Energy (Wh)	5120
Usable Energy (Wh)	5000
Dimension (W*H*Dmm)	680*376*175
Weight (kg)	50
Ingress Protection Rating	IP65

^{*:}Test conditions, cell Voltage 2.5~3.65V, 0.5C charge & discharge at +25±2 °C for battery system at beginning life. System Usable Energy may vary with different Inverter.

Module Combination



^{**:} Nominal Dis-/Charge Current and power derating will occur related to Temperature and SOC.



Multi-purpose LFP Battery



Product Features



High Security

- High safety phosphate lithium cell
- Intelligent BMS, prevents overcharge and overdischarge, overtemperature, etc.



Long-life

Even after discharging it completely more than 2000 cycles, and 80% of the capacity remains



Multi-purpose

 Applied in areas with poor power infrastructure, off-grid application, UPS/telecom, outdoor portable applications, RVs, yachts, camping, etc.

	LFP12-100	LFP12-200	LFP12-400	LFP24-100	LFP24-200	LFP48-100
Nominal Capacity (Ah)	100	200	400	100	200	100
Nominal Voltage (V)	12.8	12.8	12.8	25.6	25.6	51.2
Charging Temperature Range (°C)	0~45	0~45	0~45	0~45	0~45	0~45
Discharg Temperature Range (°C)	-20~55	-20~55	-20~55	-20~55	-20~55	-20~55
Max. Charging Current (A)	50	50	50	50	50	50
Max. Discharge Current (A)	50	100	100	50	100	50
Charge Upper Limit Voltage (V)	13.8~14.4	13.8~14.4	13.8~14.4	28.0~28.8	28.0~28.8	56.0~57.6
Discharg Cut-off Voltage (V)	10	10	10	20	20	40
Weight (kg)	~13	~21.5	~38.5	~22	~38.5	~38.5
Dimension (W*D*H mm)	339*185*218	502*186*243	522*238*223	502*186*243	522*238*223	522*238*223
Ingress Protection Rating	IP65	IP65	IP65	IP65	IP65	IP65
Communication	Optional	Optional	Optional	Optional	Optional	Optional
Max. Connection No. in Series	45	45	45	25	25	/
Max. Connection No. in Parallel	10P	10P	10P	10P	10P	10P



Hybrid - ESS - C&I -30



Product Features



High Security

- High density phosphate lithium cell
- BMS Two-levels architecture design, combined with EMS platform, is more intelligent and efficient in monitoring product operation status.
- Industrial grade outdoor cabinet, paired with intelligent air conditioning, can handle various usage environments



High Integration

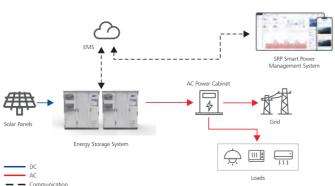
- The machine covers an area of about 1.1m²
- Modular design for more flexible capacity matching



Convenient Installation

- Whole machine transportation, saving installation time and cost
- Hybrid inverter integration, saving inverter and battery debugging and assembly costs
- Built in power distribution circuit, making customers more worry free

Topology diagram of system scheme



	SRP-C&I-30kW-60KWh-H	SRP-C&1-30kW-70KWh-H	SRP-C&l-30kW-76KWh-l		
DC Parameters					
Series & Parallels(Cell)	1P&24S	1P&24S	1P&24S		
Series & Parallels(module)	1P&8S	1P&9S	1P&10S		
Nominal Voltage (V)	614.4	691.2	768		
Nominal Capacity (Ah)	100	100	100		
System Energy (kWh)	61.4	69.1	76.8		
Usable Energy(kWh)	58	65	73		
Nominal Ch/Discharge Current(A)	30	30	30		
Max. Discharge Current(A)	50	50	50		
Max. Charge Current(A)	50	50	50		
Operating Voltage Range(V)	537~681	604.8~766.8	672~852		
MPPT Voltage Range (V)		350~900			
Max. Input Current per MPPT (A)		26/26/26			
No. of MPPT		3			
No. of Strings per MPPT		2			
AC Parameters					
Nominal Ouput Active Power (W)		30000			
Nominal Output Apparent Power (VA)		30000			
Max. Output Apparent Power (VA)		33000			
Nominal Output Voltage (V)		380 / 400 / 415, 3L + N + PE			
Output Voltage Range (V)	277~520(Adjustable)				
Nominal Output Frequency (Hz)	50/60				
Output Frequency Range (Hz)		45~65(Ajustable)			
Max. Output Current (A)		43.5*3			
Power Factor	~1 (~1 (Adjustable from 0.8 leading to 0.8 lagging)			
THDi	<3%				
Back-up Output Data					
Nominal Output Apparent Power (VA)		30000			
Max. Output Apparent Power (VA)	33000				
Nominal Output Voltage (V)	230				
Nominal Output Frequency (Hz)	50/60				
Max. Output Current (A)	47.8*3				
Transfer Time (ms)	10(typ)/20(max)				
THDv @ Linear Load	<3% @100% R Load				
General Parameter					
Ingress Protection Rating		IP54 (out door)/ IP20(in door)			
Relative Humidity	0~95%(No condensation)				
Operating Temperature (°C)	-25~65				
Max. Operating Altitude (m)	3000				
Communication	RS485/RS232/Wi-Fi				
Dimension (W*D*H mm)	800*800*2200	800*800*2200	800*800*2200		
Max. Weight (kg)	1120	1200	1270		

27 Resources Technology Co., Ltd Safe / Reliable / Powerful 28







Product Features



High Security

- High density phosphate lithium cell
- BMS Two-levels architecture design, combined with EMS platform is more intelligent and efficient in monitoring product operation status
- Industrial grade outdoor cabinet, paired with intelligent air conditioning, can handle various usage environments



High Integration

- The machine covers an area of about 2.3m²
- Modular design for more flexible capacity matching

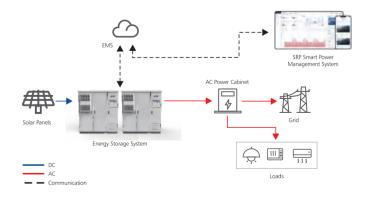


Convenient Installation

- Whole machine transportation, saving installation time and cost
- Integrated inverter integration, saving inverter and battery debugging and assembly costs
- Built in power distribution circuit, making customers more worry free

	SRP-C&I-100kW-200KWh-P	SRP-C&I-100kW-215KWh-P			
DC Parameters					
Series & Parallels (Cell)	1P&16S	1P&16S			
Series & Parallels(Module)	1P&14S	1P&15S			
Nominal Voltage (V)	716.8	768			
Nominal Capacity (Ah)	280	280			
Nominal Ch/Discharge Current(A)	75	75			
System Energy (kWh)	200.7	215			
Usable Energy(kWh)	185(95%DOD)	200(95%DOD)			
Max. Discharge Current(A)	140	140			
Max. Charge Current(A)	140	140			
Operating Voltage Range(V)	627~795	672~852			
AC Parameters					
Nominal Output Voltage (VAc)	400±109	400±10% 3L+(N)			
Nominal Output Frequency (Hz)	50/60±5 (se	50/60±5 (self-adaption)			
Power Factor	0.	0.99			
Power Factor Adjustment Range	1.0 lag to	1.0 lag to 1.0 lead			
THDi	€	3%			
Nominal Output Power (kW)	100	100			
Max. Output Power (kW)	110	110			
Nominal Output Current (A)	140	140			
Max. Discharge Efficiency	≥98.2%				
Overload Capacity	110.0%				
General Parameter					
Ingress Protection Rating	IP54(out door)/IP20(in door)				
Relative Humidity	0~95%(No condensation)				
Operating Temperature (°C)	-25~65				
Max. Operating Altitude (m)	2000				
Communication	RS485/CAN				
Dimension (W*D*H mm)	1950*1100*2200	1950*1100*2200			
Max. Weight (kg)	2100	2200			

Topology diagram of system scheme





Intelligent Energy Management System



EMS:

Comprehensive Battery System Monitoring

- Monitoring data of the entire device
- Monitoring data from various dimensions
- Supporting data backup and recovery
- Supporting collaborative control of multiple battery systems



Supporting Income Calculation and Analysis

- Multiple types of income calculation models
- Multidimensional income statistical models
- Multiple rate of return prediction models



Intelligent Analysis

- Energy consumption analysis, cost analysis, energy conservation analysis, and efficiency analysis
- Based on event analysis, provide warnings for maintenance or replacement of accessories
- Potential danger warnings to improve operational efficiency



Convenient and Traceable Operation and Maintenance

- Operate and maintain by executing network commands
- Achieve high efficiency through one click allocation and closed-loop
- View work status on both PC and mobile devices



Cycle Life Detection

- Cycle data storage interval can be accurate to seconds
- Battery cycle data analysis



Accident Alarm and Recall

- Real time monitoring of data and WAN faults
- Provide solutions for more effective handling

