



RT S9 SERIES
S9-01RT
S9-02RT / S9-03RT
PF1.0

FEATURES

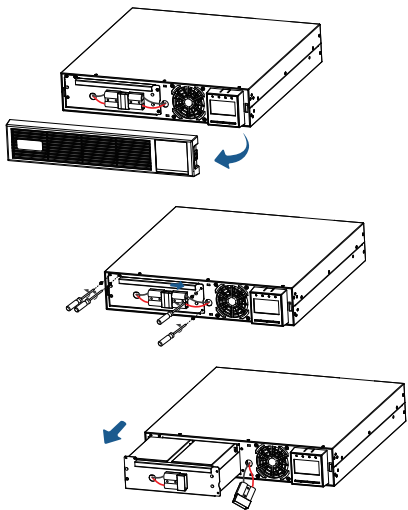
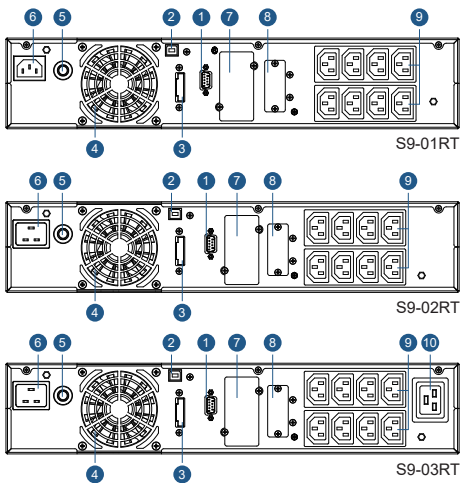
- True double conversion on-line with DSP control technology
 - Support CVCF (Constant Voltage, Constant Frequency) mode, support special voltage, frequency devices, and suitable for highly sensitive devices
 - Output power factor 1.0
 - Rack/Tower convertible design
 - 3-level inverter technology
 - High efficiency for energy saving
 - Hot swappable battery will save customer service cost
 - Frequency converter mode: 50Hz input / 60Hz output or 60Hz input / 50Hz output
 - Most compact size, all-in-one design with internal battery
 - Active input power factor correction, input power factor>0.99
 - Wide input voltage range 90V~300V
 - Wide input frequency range 40~70Hz
 - Generator compatible
- Cold start
 - Remote On Off (ROO) function (optional)
 - Economic operation mode (ECO)
 - Brilliant full color LCD display with multi-language menu
 - 50Hz / 60Hz Frequency auto sensing
 - HID USB enable monitoring on UPS without software installation
 - Reliable design, use strong glass fiber base (FR4) double side PCB which with conformal coating
 - Communications: RS232 / USB / EPO / Intelligent slot (standard), MODBUS / RS485 / SNMP / AS400 cards (optional)

Applications:



REAR PANEL

1. RS232
2. USB
3. EPO / ROO
4. Fan
5. Input circuit breaker
6. AC input socket
7. Intelligent slot
8. Battery connector
9. IEC-C13 Output sockets
10. IEC-C19 Output sockets



SPECIFICATIONS

MODEL		S9-01RT	S9-02RT	S9-03RT
Capacity	VA/W	1kVA/1KW	2kVA/2KW	3kVA/3KW
Topology		Double Conversion Online UPS		
Phase		Single Phase Input Single Phase Output		
Mains Input				
Wiring		L/N+PE		
Rated Voltage		208/220/230/240Vac		
Voltage Range		90~300VAC		
Frequency Range		40Hz-70Hz		
Input Power Factor		≥0.99		
Ac Output				
Wiring		L/N+PE		
Output Voltage		208/220/230/240Vac		
Voltage Regulation		±1%		
Output Frequency		50/60±4Hz(Sync Mode) / 50/60Hz±0.1%(Free Run)		
Waveform		Pure Sine Wave		
Distortion (Thdv%)		<2%(Linear Load)		
		<7%(None-Linear Load)		
Over Load Capability		60Sec.@105%~130%Rated Load		
		10Sec.@131%~150%Rated Load		
		0.2Sec.@>150%Rated Load		
Efficiency				
Ac/Ac Mode		92%	93.5%	93.5%
Dc/Ac Mode		90%	91.5%	91.5%
ECO Mode		>97.5%		
Battery & Charge				
Rated Battery Voltage		36VDC Internal	72VDC Internal	72VDC Internal
Battery Capacity		12V/7AH x 3pcs	12V/7AH x 6pcs	12V/9AH x 6pcs
Backup Time		>10mins @ Half Load	>6mins @ Half Load	>6mins @ Half Load
Charging Current		2 / 4A On-site selectable		
Physical				
Chassis Style		Rack-Tower Transformable		
Dimension	UPS	S9-01RT/ S9-02RT: 440mm(W) x 88mm(2U)(H) x 457mm(D) S9-03RT: 440mm(W) x 88mm(2U)(H) x 588mm(D)		
	EBM	440mm(W) x 88mm(2U)(H) x 428mm(D)		
Weight	UPS	11.4kg	23.2kg	26.4kg
	EBM	(3S*2P*7AH/12V): 18.5kg	(6S*1P*7AH/12V): 18.5kg	(6S*1P*9AH/12V): 21.5kg
HMI				
LCD Display		Input Mains Voltage, Frequency, Load level, Operation Mode, Health Status		
Standards Communication Port		1. RS232 2. USB PORT 3. EPO/ROO 4. Intelligent Card Slot		
Optional Extension Card		SNMP Card / MODBUS Card / Relay Card		
Operating Environment Endurance				
Temperature Range		-10~50 °C		
Relative Humidity		0-98% (Non-condensing)		
Acoustics Noise		<55dB @ 1 meters		

Note:
① Battery rated voltage is open to customization
② Dimension might vary for different bezel
③ The socket and terminal configuration on the rear panel may be different for countries or regions according to order
④ More parameter customization , please contact sales representative