



RTS 1KVA - 3KVA

High Frequency Online UPS Rack Tower Convertible

RTS Series 1KVA - 3KVA (1ph in / 1ph out)

Key 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
- 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 (optional)
- Reliable design, use strong glass fiber base (FR4) double side PCB which Battery & Charge with conformal coating
- Communications: RS232 / USB / EPO / Intelligent slot (standard), MODBUS / RS485 / SNMP / AS400 cards (optional)

Shenzhen UPSen Electronic CO., Ltd.
www.upsen.net

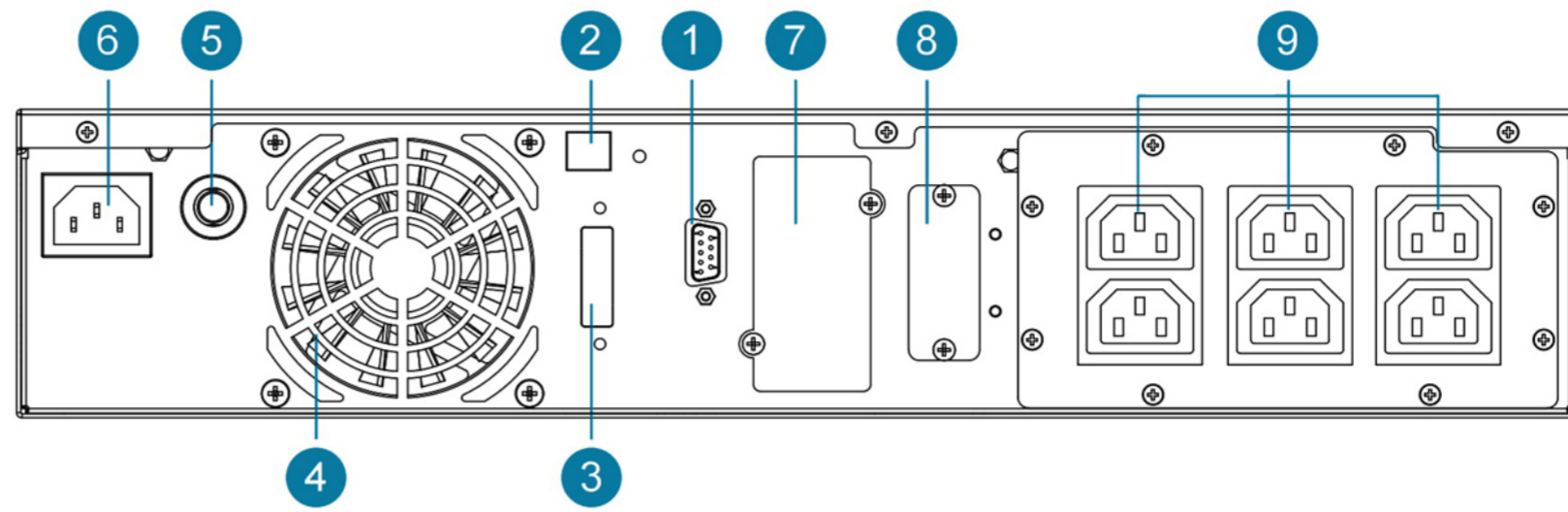
Technical Specification:

Rack Mount Model		RTS 1K	RTS 1KL	RTS 2K	RTS 2KL	RTS 3K	RTS 3KL
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 / 60Hz ± 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	1 Min@105% ~ 125%Rated Load 10 Sec.@125%~ 150%Rated Load 0.2 Sec.@ > 150%Rated Load					
Efficiency	AC/AC Mode	89%		90%		91%	
	DC/AC Mode	87%		88%		89%	
	ECO Mode	> 96%					
Battery & Charger	Rated Battery Voltage	24VDC Intemal	36VDC External	48VDC Intemal	72VDC External	72VDC Intemal	72VDC External
	Battery Capacity	12V7AH*2PCS	External Battery Depends	12V7AH*4PCS	External Battery Depends	12V7AH*6PCS	External Battery Depends
	Backup Time	>6mins @ Half Load	External Battery Depends	>6mins @ Half Load	External Battery Depends	>6mins @ Half Load	External Battery Depends
	Charging Current	Standard Model with Internal Battery: 1A ; Long Backup Time Model : 4A					
Physical	Chassis Style	Rack Tower Convertible					
	UPS Dimension (W*H*D)-mm	440*88(2U)*428		440*88(2U)*428		440*88(2U)*588	440*88(2U)*428
	EBM Dimension (W*H*D)-mm	440*88(2U)*428					
	UPS Net Weight(KG)	11.9	7.2	16.8	7.9	23.4	8.7
	EBM Net Weight(KG)	18.5KG (3S*2P*7AH/12V)		22.5KG (4S*2P*7AH/12V)		18.5KG (6S*1P*7AH/12V)	
HMI	LCD Display	Input Mains Voltage, Frequency, Load level, Operation Mode, Health Status					
	Standards Communication Port	1. RS232 PORT	2. USB PORT	3. EPO / ROO	4. Intelligence 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					

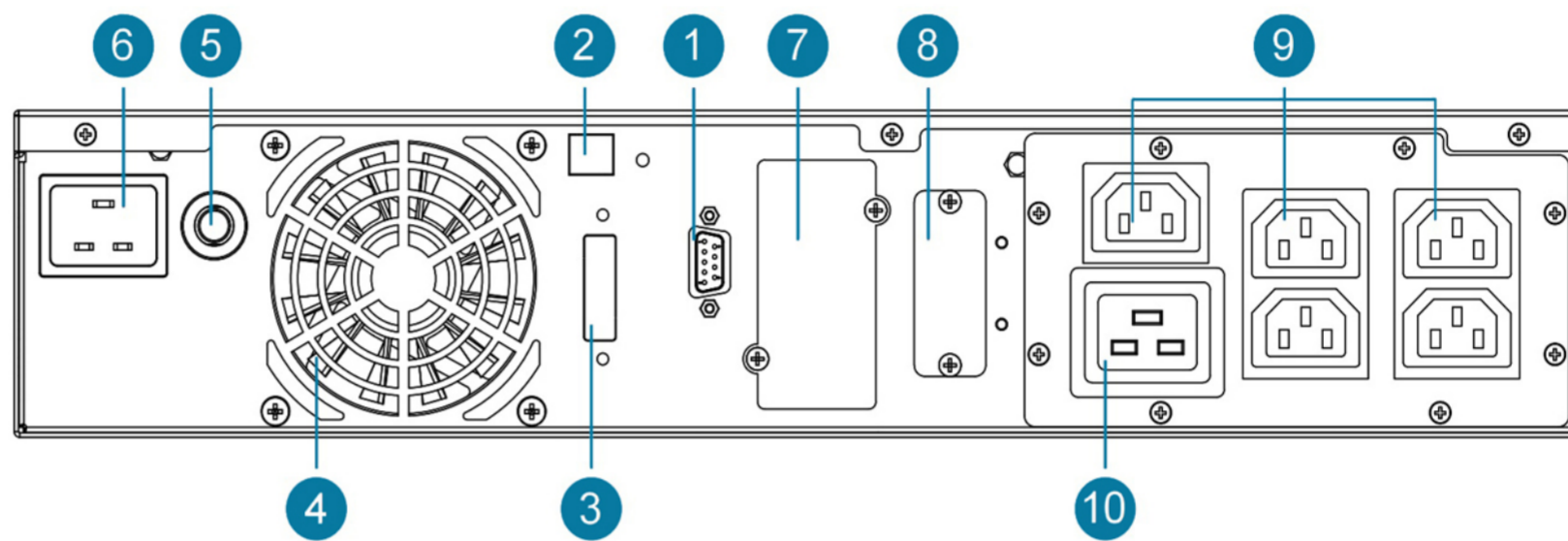
*Product Specifications are Subject to Change Without Notice.

UPS Rear Panel:

1. RS232
2. USB HMI
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



RTS1-2K(L)



RTS 3K(L)

UPS Display Rotation Procedure:

