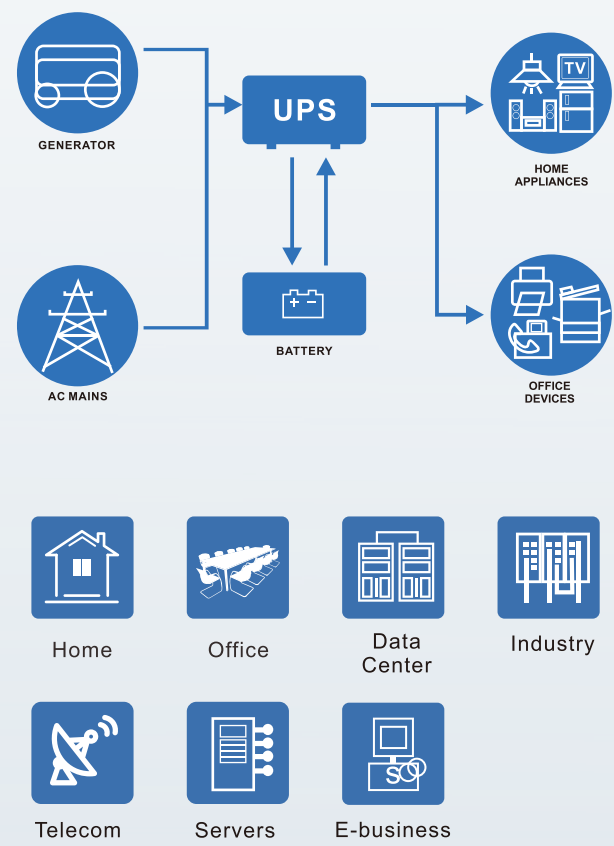


RT1-3K Series



Application:



RT series is true on-line double conversion technology Rack & tower convertible UPS, it applicable data-center critical network devices, sensitive electronic equipment, telecom bank,hospital, bureau, traffic, public security, ATM and so on.

Features:

- Online double conversion technology With advanced DSP control.
- Wide input voltage range(110 ~ 300VAC), can adapt to different power grid environment.
- DC start function, Input PFC revises function, input power factor above 0.98.
- Output power factor0.9, strong load capacity.
- Supporting rack/tower structure, high power density saving space.
- Excellent Pretention against over voltage, over-load, Over current, overcharge and so on.
- LCD display and LED indicator show detailed UPS status and parameters.
- Friendly man-machine interface, Simple setting Output Voltage, Frequency parameter and Bypass function on the display.
- Smart RS232 communication with monitoring software.
- Smart slot can provide abundant extensible function; can choose to install Win-power, SNMP-card.
- Lightning, surge, short -circuit, network/fax/modem surge protection.



Specifications

High Frequency Online UPS

| Model | | RT1K | RT2K | RT3K |
|-------------------------|--------------------------|---|------------------|------------------|
| Rated Power | VA/W | 1000VA/9000W | 2000VA/1800W | 3000VA/2700W |
| Input | Phase | Single Phase with Ground | | |
| | Nominal Voltage | 200/208/220/230/240VAC | | |
| | Voltage Range | 110~300VAC | | |
| | Frequency Range | 50Hz:46~54Hz;60Hz:56~64Hz | | |
| | Power Factor | 0.98 | | |
| | Connections | IEC320-10A inlet | IEC320-10A inlet | IEC320-16A inlet |
| Output | Phase | Single Phase | | |
| | Voltage | 200/208/220/230/240(1±1%)VAC | | |
| | Frequency | 50/60Hz (Adjustable); 50Hz AC Mode: Follow AC Mode (AC Range 46~54Hz); Battery Mode: 50Hz (1±0.2%) 60Hz AC Mode: Follow AC Mode (AC Range 56~64Hz); Battery Mode: 60Hz (1±0.2%) | | |
| | Waveform | Pure Sine Wave | | |
| | Power Factor | 0.9 | | |
| | Harmonic Distortion | ≤4% THD(Linear load), ≤7% THD(Nonlinear load) | | |
| | Overload Capability | 105%~150% 45S~25S then turn to bypass output ;150%~200% 25s~300ms then turn to bypass output;≥200% 200ms then turn to bypass output. | | |
| | Current Crest Ratio | 3:1 | | |
| | Connections | IEC320-10A*6 | IEC320-10A*8 | IEC320-10A*8 |
| | Battery | Nominal DC voltage | 24V | 48V |
| Battery | | 2*9AH | 4*9AH | 6*9AH |
| Numbers& | | (built-in | (2U battery | (2U battery |
| Capacity | | battery) | pack) | pack) |
| Back-up Time(Full Load) | | > 2.5min | > 3min | > 3min |
| Charge Current(MAX) | | 1 A | 1A | 1A |
| Charging Voltage(VDC) | | 27.4V±0.2VDC | 54.8V±0.4VDC | 82.2V±0.6VDC |
| Recharge Time | | 5 hours to charge to 90% | | |
| Bypass | Automatic Transfer | On overload and UPS failur | | |
| | Before UPS Power-on | Default "ON", user adjustable to "YES" | | |
| Transfer Time | | 0ms;less than 4ms from inverter to bypass and vice versa | | |
| Indicators | LCD+LED Display | UPS status, Battery capacity, loading, Fault code | | |
| Audible | | Bypass, On battery mode, Battery low,Overload, Fault | | |
| Communications | Intelligent RS232 | Software support Windows family software, Linux, Sun network | | |
| | Serial Port | operating system, IBM Aix, Compaq True64 SGI IRIX, FreeBSD, HP-UX and MAC | | |
| | SNMP(Optional) | Remote control UPS through SNMP management and Internet | | |
| | USB(Optional) | Windows family software and Mac OS | | |
| | Network Surge Protection | RJ45 I/O port available for network or FAX /Modem | | |
| Environmental | Operating Temperature | 0~40 ℃ | | |
| | Operating Humidity | 20-90% (No condensation) | | |
| Main Unit | Dimensions (W*D*H)mm | 2U :440*375*89 | 2U:440*438*89 | 2U:440*438*89 |
| | Net Weight(Kg) | 11 | 8,5 | 9 |
| Battery Pack | Type | Internal | 2U 48V | 2U 72V |
| | | Batteries | 4*9AH) | (6*9AH) |
| | Dimensions (W*D*H)mm | - | 440*430*89 | 440*430*89 |
| | Net Weight(Kg) | - | 15.5 | 21 |

◆ Product specifications are subject to change without further notice.

