



KR11 Series Online UPS (1-10kVA)

Main Features:

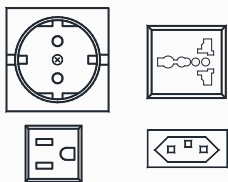
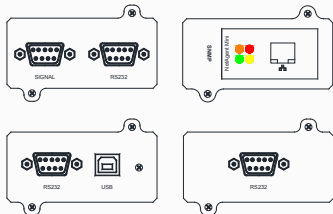
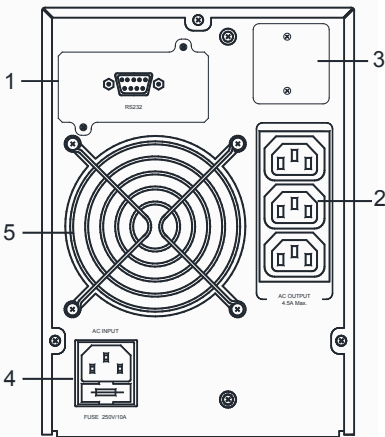
- Online double conversion
- High input power factor
- Wide input voltage range
- Full protection function
- Automatic bypass
- High reliability and performance
- Intelligent RS232 communication port
- 6KVA & 10KVA have ECO&EPO function
- UPS management software (optional)
- SNMP or USB or dry contact (optional)
- External battery bank (optional)
- Output transformer for 6Kva&10Kva (optional)

Application:

- Data center
- Point-of-sale
- Router
- Hub and other network device
- Commercial facility
- Precision instrument

1kVA Rear panel:

1. Communication interface
2. AC output sockets
3. External battery connector
4. AC input socket
5. Fan



Specification:

MODEL	KR1000/KR1000L	KR2000/KR2000L	KR3000/KR3000L	KR6000/KR6000L	KR1110S/KR1110
INPUT					
Voltage (Vac)	120-295 (120-140:50% load;140-160:75% load; 160-295:100% load)			120-276 (120-140:50% load;140-160:75% load;160-276:100% load)	
Frequency (Hz)	50/60± 5% (50/60Hz ±10%settings)				
Power Factor	≥0.99				
OUTPUT					
Capacity(VA/W)	1000/700	2000/1400	3000/2100	6000/4800	10000/8000
Power Factor	0.7 (PF=0.8 or 0.9 optional)			0.8	
Voltage (Vac)	220/230/240±2%				220/230/240±2% or 110/120±3%
Frequency(Hz)	50/60±0.2%(battery mode)				
Waveform	Pure sine wave THD < 3% (linear load)				
Transfer Time	0				
Overload	105%~129% for 60 seconds, 130%~150% for 30 seconds, above 150% for 300ms			105%~125% for 10minutes, 126~150% for 1 minute, above150% for 1 second.	
BATTERY					
Voltage(Vdc)	36	72	96	192	
BATT Type	3×7Ah12V/ External	6×7Ah12V/ External	8×7Ah12V/ External	16×7Ah 12V/External	
Charger Current(A)Max	1/5	1/5	1/5	1/6	
OTHER					
Communication Interface	RS232 (Dry contact, USB and SNMP adapter are optional)			RS232+USB+EPO (Dry contact, SNMP, MBS are optional)	
Display	LED indicates the status of UPS (LCD is optional)			LCD & LED display	
Alarm	Low battery, abnormal AC input, UPS failure				
Protection	Low battery, overload, short-circuit and over temperature				
Noise (dB)	< 45			< 60	
Working Temperature	0 ~ 40℃				
Relative Humidity	0 ~ 95%, No condensation				
Dimension (W×D×H) mm Standard/ Long backup	156×400×220	198×490×347		255×565×700/255×565×500	
Weight (kg) Standard/ Long backup	13/6.5	25/14	29/15	69/26	70/27

◆ Specification is subject to change without prior notice.



KR31 Series Online UPS (10–20kVA)

Main Features:

- Online double conversion
- High reliability DSP control
- Advanced PFC technology
- Wide input voltage range
- DC cold start function
- Intelligent fan speed control
- Full protection function
- Advanced battery charging management
- Intelligent RS232+USB+EPO communication port
- SNMP adapter or dry contact (optional)
- Advanced no–master–slave parallel technology (optional)

Application:

- IT device
- Data center
- Precision instrument
- Intelligent equipment

Specification:

MODEL	KR3110S/KR3110	KR3115	KR3120
INPUT			
Voltage (Vac)	380±25% (-45% in half load)		
Frequency (Hz)	50/60 ±10%		
Power Factor	≥0.95		
Phase	3φ4W+PE		
Bypass Voltage (Vac)	180-255		
OUTPUT			
Capacity (KVA/KW)	10/8	15/10.5	20/14
Voltage(Vac)	220/230/240 ±2%		
Frequency(Hz)	50/60±0.2%(battery mode)		
Waveform	Pure sine wave THD <3% (Linear load)		
Overload	105%~125% load for 10 mins,126%~150% load for 1 min, above150% load for 1 second		
Transfer Time	0		
Efficiency	90%(linear load)		
Crest Factor	3:1		
BATTERY			
BATT Voltage(Vdc)	192	240	
BATT Type	16×7Ah 12V/ External	External	
Charger Current(A)Max	1/6	2.5	
OTHER			
Maintenance Bypass Switch	Optional	Standard	
Communication Interface	RS232+USB+EPO (SNMP adapter, Dry contact are optional)		
Display	LCD Display indicates frequency, voltage, load, battery voltage, etc. LED indicates running status		
Alarm	Low battery, abnormal AC input, Overload, UPS failure		
Protection	Low battery, overload, short-circuit, UPS failure, and input over/low voltage		
Noise(dB)	<60		
Working Temperature	0 ~ 40°C		
Relative Humidity	0 ~ 95%, No condensation		
Dimension (W×D×H) mm Standard/Long backup	255×565×700/255×565×500	255×740×790	
Weight (kg) Standard/ Long backup	100/35	60	63

◆ Specification is subject to change without prior notice.