

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)
- 1P/1P or 3P/1P is suitable without additional settings (15kVA and 20kVA only)

Application:

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



Specification:

MODEL	KR3110S/KR3110		KR3115	KR3120
INPUT				
Voltage (Vac)	380/400/415±25% (–45% in half load)			
Frequency (Hz)	50/60 ±10%			
Power Factor	≥0.98			
Phase	3ϕ4W+PE			
THDi	≤5%			
Bypass Voltage (Vac)	180–260			
OUTPUT				
Capacity (kVA)	10	15	20	
Power Factor	0.8 (0.9 optional)			
Voltage (Vac)	220/230/240 ±1%			
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)	91%(linear load)		
Crest Factor	3:1			
BATTERY				
BATT Voltage(Vdc)	192			
BATT Type	16×7Ah 12V/External	External		
Charger Current(A)Max	1/5	5		
OTHER				
Maintenance Bypass Switch	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℃			
Relative Humidity	0 ~ 95%, No condensation			
Dimension (W×D×H) (mm) Standard/Long backup	255×565×700/255×565×500	255×565×585		
Weight (kg) Standard/ Long backup	71/27	37	37	

◆ Specification is subject to change without prior notice.