

On Line High Frequency Rack Mount UPS KR11 III 6-10K(L)



Technical Features:

- Strong overload capability
- High efficiency up to 94%
- Built-in back-feed relay
- Built-in OVCD protection
- Large charger up to 8A for longrun model
- Output power factor 1
- Wide input voltage range (110-300 VAC)
- Active input power factor correction 0.99
- 50Hz/60Hz frequency converter mode
- Emergency power off function (EPO)
- ECO mode for energy saving
- Generator compatible
- SNMP/USB/RS-232 communications
- Adjustable battery numbers
- Optional compatible with Lithium battery (192-240VDC)
- Optional 2.8" color touched LCD



Technical Specifications:

MODEL		KR11 III- 6K(L)	KR11 III- 10K(L)
PHASE		1 phase in / 1 phase out	
CAPACITY		6000 VA / 6000 W	10000 VA / 10000 W
INPUT			
Nominal Voltage		208/220/230/240 VAC	
Voltage Range		110-300VAC $\pm 3\%$ at 50% load ; 176-300VAC $\pm 3\%$ at 100% load	
Frequency Range		46-54 Hz or 56-64 Hz ; 40 - 70 Hz (In generator mode)	
Power Factor		≥ 0.99 @ full load	
THDI		<4% @100% Load, <6% @50% Load	
OUTPUT			
Output Voltage		208*/220/230/240 VAC	
AC Voltage Regulation (Batt. Mode)		$\pm 1\%$	
Frequency Range (Synchronized Range)		46-54 Hz or 56-64 Hz	
Frequency Range (Batt. Mode)		50 Hz ± 0.1 Hz or 60 Hz ± 0.1 Hz	
Current Crest Ratio		3:1 (max.)	
Harmonic Distortion		$\leq 1\%$ THD (Linear Load), $\leq 4\%$ THD (Non-linear Load)	
Transfer Time	AC to DC	Zero	
	Inverter to Bypass	zero	
Waveform (Batt. Mode)		Pure Sinewave	
Overload	AC Mode	100-105% Continue, 105-125% for 10 min, 125%-150% 0.5min, >150% immediately	
	Battery Mode	100-110% 3min, 110-130% for 0.5 min, >130% immediately	
EFFICIENCY			
AC Mode		94%	
Battery Mode		92%	
BATTERY			
Standard Model	Battery Type	12 V / 7 AH	12 V / 9 AH
	Numbers	16 or 20	
	Typical Recharge Time	9 hours recover to 90% capacity	
	Charging Current (max.)	1.0 A	
	Charging Voltage	218.4 VDC $\pm 1\%$ or 240 VDC $\pm 1\%$	
Long-run Model	Battery Type	Lead Acid battery	
	Numbers	16-20**	
	Charging Current (max.)	1A/2A/4A/6A/8A	
	Charging Voltage	Lead Acid Battery: (13.65VDC x battery number) $\pm 1\%$	
PHYSICAL			
Dimension, D X W X H (mm)		515 x 438 x 88	
Net Weight (kgs)		11	12.1
ENVIRONMENT			
Operation Humidity		20-95% RH @ 0- 40°C (non-condensing)	
Noise Level		Less than 55dBa @ 1 Meter	Less than 58dB @ 1 Meter
MANAGEMENT			
Smart RS-232 or USB		Supports Windows® Family, Linux and MAC	
Optional SNMP		Power management from SNMP manager and web browser	

*Derate capacity to 60% of capacity in CVCF mode and to 90% when the output voltage is adjusted to 208VAC or parallel system is operated.

**When using 16 pieces of batteries, the output power factor will be derated to 0.8. If using 18 or 19 pieces of batteries, the output power factor will be derated to 0.9

***If the UPS is installed or used in a place where the altitude is above than 1000m, the output power must be derated one percent per 100m.

Product specifications are subject to change without further notice.

