

On Line High Frequency Rack Mount UPS KR11 1-10K(L)



Technical Features:

- Function & Characteristic:
- True double-conversion
- Microprocessor control optimizes reliability
- Output power factor PF0.9
- Wide input voltage range(110-300VAC)
- Converter mode available
- ECO mode for energy saving only available for 1-3KVA models
- Generator compatible
- Adjustable charging current via LCD or software(1A-6A) only available for 6K/10K models
- Emergency power off function(EPO) only available for 6K/10K models
- Comprehensive display allows easy monitoring access of UPS status
- Rack-Tower 2-in-1 for 1KVA 2KVA & 3KVA
- Hot -swappable battery design for 6KVA and below models



Technical Specifications:

MODEL		KR11-1K(L)	KR11-2K(L)	KR11-3K(L)	KR11-6K(L)	KR11-10K(L)
CAPACITY		1KVA/900W	2KVA/1800W	3KVA/2700W	6KVA/5400W	10KVA/9000W
INPUT						
Nominal Voltage		200/208/220/230/240VAC			208/220/230/240VAC	
Voltage Range		110-300VAC at 50% load 160-280VAC at 100% load			110-300VAC±3% at 50% load 176-300VAC±3% at 100% load	
Frequency		40-70Hz			46-54Hz or 56-64Hz	
Power Factor		0.99				
OUTPUT						
Voltage		200/208/220/230/240VAC				
Voltage Regulation		±1%				
Frequency Range (Synchronized Range)		47-53HZ or 57-63HZ			46-54HZ or 56-64HZ	
Frequency Range (Batt. Mode)		50HZ±0.25HZ or 60HZ±0.3HZ			50HZ±0.1HZ or 60HZ±0.1HZ	
Current Crest Ratio		3:1				
Harmonic Distortion		3% THD(Linear load)	6% THD(Non-linear load)		3%THD(Linear load)	5%THD(Non-linear load)
Transfer Time		0ms				
Wave Form		Pure Sinewave				
EFFICIENCY						
AC Mode		88%	89%	90%	92%	93%
Battery Mode		83%	87%	88%	90%	91%
BATTERY						
Standard Model	Battery Type	12V9AH	12V9AH	12V9AH	12V7AH	12V9AH
	Numbers	2PCS	4PCS	6PCS	16-20PCS (adjustable)	
	Typical Recharge Time	3 hours recover to 90%			9 hours recover to 90% capacity	
	Charging Current	1A			Default:1.0 A ± 10%, Max.:2.0A ± 10%	
Long-run Model	Charging Voltage	27.4VDC ± 1%	54.7 VDC ±1%	82.1 VDC ±1%	218.4 VDC ± 1%(based on 16 pcs batteries)	
	Battery Type	Depending on the capacity of external batteries				
	Numbers	2/3	4/6	6/8	16-20pcs (adjustable)	
	Charging Current	1.0A/2.0A/4.0A/6.0 A			Default:4.0 A ± 10%, Max.:6.0A ± 10%	
	Charging Voltage	27.4/41.0VDC ± 1%	54.7/82.1 VDC ±1%	82.1/109.4VDC ±1%	273 VDC ± 1% (based on 20 pcs batteries)	
INDICATORS						
LCD Panel		UPS status, Load level, Battery level, Input/Output voltage, Discharge timer, and Fault conditions				
ALARM						
Battery Mode		Sounding every 4 seconds				
Low Battery		Sounding every second				
Overload		Sounding twice every second				
Fault		Continuously sounding				
PHYSICAL						
Standatd Model	Dimension,DxWxH(mm)	310*438*88(2U)	410*438*88(2U)	630*438*88	UPS Unit: 500*438*88(2U) Battery pack: 668*438*88(2U)	UPS Unit: 580*438*133(3U) Battery pack: 668*438*88(2U)
	Net Weight(kgs)	12	19	29.3	UPS Unit:15 Battery Pack:48(16pcs)	UPS Unit:18 Battery Pack:51(16pcs)
Long-run Model	Dimension,DxWxH(mm)	310*438*88(2U)	410*438*88(2U)		500*438*88 (2U)	580*438*133(3U)
	Net Weight(kgs)	9	12	14.2	15	18

*Long-run model is only available in 200/208/220/230/240VAC systems.

**Derate to 80% of capacity in Frequency converter mode and to 80% when the output voltage is adjusted to 100/200/208VAC.

* Product specifications are subject to change without further notice.

