On Line High Frequency Rack Mount UPS

KR11 One-1-3K

Technical Features:

- True double-conversion
- Output power factor 1
- Output voltage regulation < 1%
- Higher output crest ratio 3:1
- 50Hz/60Hz frequency converter mode
- Programmable power management outlets
- Emergency power off function (EPO)
- Hot swappable battery design
- ECO mode for energy saving
- Emergency power off (EPO) function
- Provides over voltage cutt-off protection and surge immunity by MOV for full time equipment protection
- High power factor charger upto 1000W capacity with very low ripple current when charging battery
- Low input THDi to reduce power system pollution
- Adjustable charging current via LCD panel
- Smart battery charger design to optimize battery performance
- Generator compatible

Technical Specifications:

MODEL		KR11 One - 1K		KR11 One - 1.5K	KR11 One - 2K		KR11 One - 3K
PHASE		Single phase with ground					
CAPACITY		1000VA /1000W		1500VA /1500W	2000VA /2000W		3000VA /3000W
INPUT							
Nominal Voltage		100/110/115/120 /127 VAC or 200/208/220/230/240 VAC					
Voltage Range		55-150 VAC ± 5% or 110-300 VAC ± 5% @ 50% load , 80-150 VAC ± 5% or 160-300 VAC ± 5% @ 100% load					
Frequency Range		40Hz ~ 70Hz					
Power Factor		≦5% @ nominal input voltage					
THDi		≧ 0.99 @ nominal voltage (100% load)					
OUTPUT							
Output Voltage		100*/110*/115*/120/127 VAC or 200*/208*/220/230/240 VAC					
AC Voltage Regulation (Batt. Mode)		± 1%					
Frequency Range (Synchronized Range)		57 ~ 63 Hz or 47 ~ 53 Hz or					
Frequency Range (Batt. Mode)		60Hz ± 0.1Hz or 50 Hz ± 0.1Hz					
Current Crest Ratio		3:1 (max.)					
Harmonic Distortion		≦ 2 % THD (Linear Load); ≦ 4 % THD (Non-linear load)					
Transfer Time	AC to DC	Zero					
	Inverter to Bypass	4 ms (Typical)					
Waveform (Batt. Mode)		Pure Sinewave					
EFFICIENCY							
AC Mode		≧89% @ full charged battery			≧91% @ full charged battery		
ECO Mode		≧96% @ full charged battery					
Battery Mode		≧88%			≧90%		
BATTERY							
Battery Type		12V 9AH	12 V / 7 AH	12 V / 9 AH	12 V / 9 AH	12 V / 7 AH	12 V / 9 AH
Numbers		2	3	3	4	6	6
Typical Recharge Time		3 hours recover to 95% capacity for internal battery@ 2A charging current					
Charging Current		100/110/115/120 /127 VAC models: default 2A, max. 8A adjustable 200/208/220/230/240 VAC models: default 2A, max. 12A adjustable				Default: 2A, Max: 8A adjustable	
Charging Voltage		27.4VDC ± 1%	41.1VDC ± 1%	41.1VDC ± 1%	54.8VDC ± 1%	82.1VDC ± 1%	82.1VDC ± 1%
PHYSICAL							
Dimension, D X W X H (mm)		410 x 438 x 88		410 x 438 x 88	510 x 438 x 88	630 x 438 x 88	630 x 438 x 88
Net Weight (without battery) (kgs)		6.6	7.8	8.1	9.4	10.6	12.4
Net Weight (w/built-int battery) (kgs)		11.6	14.1	15.5	19.5	23.3	27.5
ENVIRONMENT							
Humidity		20-90 % RH @ 0- 40°C (non-condensing)					
Noise Level		Less than 50dBA @ 1 Meter			Less than 55dBA @ 1 Meter		
Altitude		10% de-rating for over 1000m (The altitude should not exceed 3000m)					
MANAGEMENT							
Smart RS-232 or USB		Supports Windows 2000/2003/XP/Vista/2008/7/8, Linux, Unix and MAC					
Optional SNMP		Power management from SNMP manager and web browser					
STANDARD							
EMC/Safety		EMC EN62040-2 C2 for CE models					

*Derate capacity to 80% when the output voltage is adjusted to 100VAC/200VAC/208VAC.

Product specifications are subject to change without further notice

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