

On Line High Frequency Rack Mount UPS GRD 11 1-3K(L)



Technical Features:

- Function & Characteristic:
- True double-conversion
- Microprocessor control optimizes reliability
- Output power factor correction
- Wide input voltage range(55-145VAC)
- 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)
- Comprehensive display allows easy monitoring access of UPS status



Technical Specifications:

MODEL	GRD11-1K(L)	GRD11-2K(L)	GRD11-3K(L)	
CAPACITY	1KVA/900W	2KVA/1800W	3KVA/2700W	
INPUT				
Nominal Voltage	100/110/115/120/127VAC or 200/208/220/230/240VAC			
Voltage Range	55-145VAC or 110-300VAC at 50% load 85-140VAC or 160-280VAC at 100% load			
Frequency	40-60Hz / 50-70Hz			
Power Factor	0.99			
OUTPUT				
Voltage	100/110/115/120/127VAC or 200/208/220/230/240VAC			
Voltage Regulation	±1%			
Frequency Range [Synchronized Range]	47-53HZ or 57-63HZ			
Frequency Range [Batt. Mode]	50HZ±0.25HZ or 60HZ±0.3HZ			
Current Crest Ratio	3:1			
Harmonic Distortion	≤3% THD(Linear load) ≤6% THD(Non-linear load)			
Transfer Time	0ms			
Wave Form	Pure Sinewave			
EFFICIENCY				
AC Mode	88%	89%	90%	
Battery Mode	83%	87%	88%	
BATTERY				
Standard Model	Battery Type	12V9AH	12V9AH	12V9AH
	Numbers	2PCS	4PCS	6PCS
	Typical Recharge Time	4 hours recover to 90% capacity		
	Charging Current	1A		
Long-run Model	Charging Voltage	27.4VDC ± 1%	54.7 VDC ±1%	82.1 VDC ±1%
	Battery Type	Depending on the capacity of external batteries		
	Numbers	3	6	8
	Charging Current	1.0A/2.0A/4.0A/6.0 A		
Charging Voltage	27.4/41.0VDC ± 1%	82.1 VDC ±1%	109.4VDC ±1%	
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
	Net Weight(kgs)	12	19	29.3
	Dimension,DxWxH(mm)	310*438*88(2U)	410*438*88(2U)	
	Net Weight(kgs)	9	12	14.2
Environment	Humidity	20-90 % RH @ 0- 40°C (non-condensing)		
	Noise Level	Less than 50dBA @ 1 Meter		
Management	Smart RS232/USB	Supports Windows 2000/2003/XP/Vista/2008/7/8, Linux, Unix, and MAC		
	Optional SNMP	Power management from SNMP manager and web browser		

*Long-run model is only available in 200/208/220/230/240VAC systems. output power factor is PF0.8.

**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

