



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

Model		GR-1K(L)	GR-2K(L)	GR-3K(L)	GR-6K(L)	GR-10K(L)
Capacity		1KVA/800W	2KVA/1600W	3KVA/2400W	6KVA/4800W	10KVA/8000W
Input	Nominal Voltage	100/110/115/120/127VAC or 200/208/220/230/240VAC			208/220/230/240VAC	
	Voltage Range	55-145VAC or 110-300VAC at 50% load 85-140VAC or 160-280VAC at 100% load			110-300VAC±3% at 50% load 176-300VAC±3% at 100% load	
	Frequency	40-60Hz / 50-70Hz			40-60Hz/50-70Hz	
	Power Factor	0.99				
Output	Voltage	100/110/115/120/127VAC or 200/208/220/230/240VAC			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) ≤6%THD(Non-linear load)	
	Transfer Time	0ms				
Efficiency	Wave Form	Pure Sinewave				
	AC Mode	88%	89%	90%	89%	90%
Battery (Standard Model)	Battery Mode	83%	87%	88%	88%	89%
	Battery Type	12V9AH	12V9AH	12V9AH	12V7AH	12V9AH
	Numbers	2PCS	4PCS	6PCS	16PCS	16PCS
	Typical Recharge Time	4 hours recover to 90% capacity			9 hours recover to 90% capacity	
	Charging Current	1A			Default:1.0 A ± 10%, Max.:2.0A ± 10%	
Battery (Long-run Model)	Charging Voltage	27.4VDC ± 1%	54.7 VDC ±1%	82.1 VDC ±1%	218.4 VDC ± 1%	
	Battery Type	Depending on the capacity of external batteries				
	Numbers	3	6	8	16-20** (adjustable)	
	Charging Current	1.0A/2.0A/4.0A/6.0A			Default:4.0 A ± 10%, Max.:6.0A ± 10%	
Indicators	Charging Voltage	41.0VDC ± 1%	82.1 VDC ±1%	109.4VDC ±1%	273 VDC ± 1% (based on 20 pcs batteries)	
	CD 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 (Standard Model)	Dimension,D*W*H(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:15Battery Pack:40	UPS Unit:18Battery Pack:48
Physical (Long-run Model)	Dimension,D*W*H(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
Environment	Humidity	20-90 % RH @ 0- 40°C (non-condensing)			0-95 % RH @ 0- 40°C (non-condensing)	
	Noise Level	Less than 50dBA @ 1 Meter			Less than 55dBA @ 1 Meter	Less than 58dBA @ 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				

Product specifications are subject to change without further notice

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