On Line High Frequency UPS
GH11 1-10K(L)

Technical Features:

- True double-conversion
- Microprocessor control optimizes reliability
- Input power factor correction
- Output power factor 0.9
- Wide input voltage (110 V – 300 V)
- Converter mode available
- ECO mode for energy saving(Only available for 1-3KVA)
- Generator compatible
- Adjustable charging current via LCD or software(1A-6A) only available for 6K/10K models
- Smart SNMP works well with either USB or RS-232 together
- Comprehensive display allows easy monitoring and access of UPS status

Technical Specifications:

MODEL		GH11-1K (L)	GH11-2K (L)	GH11-3K (L)	GH11-6K (L)	GH11-10K (L)
PHASE		Single phase with ground				
CAPACITY		1000VA /900W	2000VA /1800W	3000VA /2700W	6000VA /5400W	10000VA /9000W
INPUT						
Nominal Voltage		220/230/240 VAC				
Input Voltage Range		110-300 VAC(Based on load at 50%)			110-300 VAC(Based on load at 50%)	
		160-280 VAC(Based on load at 100%)			176-300 VAC(Based on load at 100%)	
Frequency Range		40Hz ~ 70 Hz			46-54Hz or 56-64Hz	
Power Factor		≧0.99 @ Nominal Voltage (100% load)				
OUTPUT						
Output Voltage		200/208/220/230/240VAC				
Voltage Regulation		± 1%				
Frequency Range (Synchronized Range)		57 ~ 63 Hz			46-54Hz or 56-64Hz	
Frequency Range (Batt. Mode)		50 Hz or 60Hz ± 0.1 Hz				
Current Crest Ratio		3：1				
Harmonic Distortion		≦ 3 % THD (Linear Load)			≦ 3 % THD (Linear Load)	
		≦ 6 % THD (Non-linear Load)			≦ 5 % THD (Non-linear Load)	
Transfer Time	AC to DC	Zero				
	Inverter to Bypass	4 ms (Typical)			Zero	
Waveform (Batt. Mode)		Pure Sinewave				
EFFICIENCY						
To AC Mode		88%	89%	90%	92%	93%
To Battery Mode		83%	87%	88%	90%	91%
BATTERY						
Standard Model	Battery Type	12V 9AH	12 V 9AH	12 V 9AH	12V 7AH	12V 9AH
	Numbers	2	4	6	16-20pcs(Adjustable)	
	Typical Recharge Time	4 hours recover to 90% capacity			9 hours recover to 90% capacity	
	Charging Current (max.)	1.0 A			1A/2A	
	Charging Voltage	27.4VDC ± 1%	54.7 VDC ±1%	82.1 VDC ±1%	218.4 VDC ± 1%(based on 16 pcs batteries)	
Long-run Model*	Battery Type	Depending on the capacity of external batteries				
	Numbers	2/3	4/6	6/8	16-20pcs(Adjustable)	
	Charging Current (max.) Charging Voltage	1.0A/2.0A/4.0A/6.0 A (Adjustable)			1.0A/2.0A/4.0A/6.0 A(adjustable,6A is only avaiable for 16pcs batteries)	
		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		Load level, Battery level, AC mode, Battery mode, Bypass mode, and Fault indicators				
ALARM						
Battery Mode		Sounding every 4 seconds				
Low Battery		Sounding every second				
Overload		Sounding twice every second				
Fault		Continously sounding				
PHYSICAL						
Standard Model	Dimension, DxWxH (mm)	285 x 145 x 220	397 x 145 x 220	421 x 190 x 318	369 x 190 x 688	442 x 190 x 688
	Net Weight (kgs)	9.8	17	27.6	61	66
Long-run Model*	Dimension, DxWxH (mm)	282 x 145 x 220	397 X 145 X 220		369 x 190 x 318	442 x 190 x 318
	Net Weight (kgs)	4.1	6.8	7.4	12	16

**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