

Online UPS GH11 1KVA-10KVA



- Really achieve online double conversion
- **The microprocessor control technology**
- Input power factor correction
- Output power factor of 0.8
- Wide input voltage (110 V to 300 V)
- Efficient variable frequency conversion mode
- ECO mode (1-3 K only)
- Compatible with the generator input
- The optional exquisite SNMP card can perfectly monitor and control through the display alone or together with USB and RS232, and comprehensively display and monitor the UPS status

MODEL	GH11-1K(L)	GH11-2K(L)	GH11-3K(L)	GH11-6K(L)	GH11-10K(L)	
PHASE	Single hand to hand					
CAPACITY	1000 VA / 800 W	2000 VA / 1600 W	3000 VA / 2400 W	6000VA / 4800W	10000 VA / 8000 W	
INPUT						
Nominal Voltage	200/208/220/230/240VAC			208/220/230/240VAC		
Input voltage range	110-300VAC or 50% load ; 160-280VAC or 100% load			110-300VAC or 50% load ; 176-300VAC or 100% load		
Frequency Range	40 Hz ~ 70 Hz			46-54 Hz or 56-64 Hz		
Power Factor	100% load \geq 0.99					
OUTPUT						
Output Voltage	200/208/220/230/240VAC			208/220/230/240VAC		
Voltage Regulation	\pm 1 %					
Frequency Range (synchronous range)	47- 53 Hz or 57 - 63 Hz			46-54 Hz or 56-64 Hz		
Frequency Range (battery mode)	50 Hz \pm 0.25 Hz or 60Hz \pm 0.3 Hz			50 Hz or 60Hz \pm 0.1 Hz		
Current Crest Ratio	3:1					
Harmonic Distortion	\leq 3 % THD (Linear Load) \leq 6% THD (Nonlinear load)			\leq 3 % THD (Linear load) \leq 5% THD (Nonlinear load)		
Transfer time	AC mode to battery mode	zero				
	Inverse to bypass	4 ms (Typical)			zero	
Waveform (battery mode)	pure sinewave					
EFFICIENCY						
AC model	88%	89%	90%	92%	93%	
Battery mode	83%	87%	88%	90%	91%	
BATTERY						
Standard machine	Battery Type	12V/9AH/7AH				
	Numbers	2	4	6	16	16
	Charging current(max)	1A				
	Charging voltage	27.4 VDC \pm 1%	54.7 VDC \pm 1%	82.1 VDC \pm 1%	218.4 VDC \pm 1%	218.4 VDC \pm 1%
Long-run model	Battery type	Depending on the capacity of external batteries				
	Numbers	3	6	8	16 ~ 20 (Adjustable)	
	Charging current(max)	1A/2A/4A/6A (Adjustable)			1A/2A/4A/6A (Adjustable, 6A is only available for 10pcs batteries)	
	Charging voltage	41.0VDC \pm 1%	82.1VDC \pm 1%	109.4VDC \pm 1%	218.4VDC \pm 1%	273VDC \pm 1%
INDICATORS						
LCD	Load size, Battery capacity, AC mode, Battery mode, Bypass mode, and Fault indication					
ALARM						
Battery Mode	Sounding every 4 seconds					
Low Battery	Sounding every seconds					
Overload	Sounding twice every seconds					
Fault	Continuously sounding					
PHYSICAL						
Standard Model	Dimension,DxWxH(mm)	282 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 (kg)	8.7	15.7	24.6	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 (kg)	4.1	6.9	7.4	12	16
ENVIRONMENT						
Humidity	20-95% RH@ 0-40°C (Non- condensation)			0-95% RH@ 0-40° C (Non- condensation)		
Nosise Level	Less than 50 dBA @ 1 m			Less than 55 dBA @ 1 m	Less than 58 dBA @ 1 m	
MANAGEMENT						
Smart RS-232 /USB	Windows® 2000/2003/XP/Vista/2008, Windows® 7/8, Unix and MAC					
Optional SNMP	Power management from SNMP manager and web browser					

*When 1-3KVA UPS is set to constant voltage and constant frequency mode, the output power will drop by 20%, and when the output voltage of the UPS is set to 208VAC, the output power will drop by 20%.

When 6 / 10KVA UPS is set to constant voltage and constant frequency mode, the output power drops by 40%, and when the output voltage of the UPS is set to 208VAC, the output power amount drops by 10%. ** When the number of internal batteries e machine will derate the output according to the following formula: P=Prating X (N / 20 x 100%).

***If the machine is installed above 1000 meters, every 100M increases.

Changes in the current product specifications will not be notified separately