

GX9 Series



ONLINE UPS High frequency

- True double-conversion
- Microprocessor control optimizes reliability
- Input power factor correction
- Output power factor 0.9
- Wide input voltage (110 V – 300 V)
- Smart SNMP works well with either USB or RS-232 together
- Optional isolation transformer available.
- Converter mode available
- ECO mode for energy saving (Only available for 1-3KVA)
- Generator compatible
- Adjustable battery number only available for 6K and 10K models
- No Parallel redundancy
- Comprehensive display allows easy monitoring and access of UPS status



HIGHLIGHTS

ONLINE DOUBLE CONVERSION MODE TECHNOLOGY
MAXIMIZE REAL OUTPUT POWER WITH 0.9 POWER FACTOR
FULL MICRO PROCESSING INTEGRATED CIRCUIT TECHNOLOGY
AC / DC EFFICIENCY UPTO 93%
GALVANIC ISOLATION TRANSFORMER CAN BE CONNECTED
ON INPUT OR OUTPUT (OPTIONAL)



Commercial
Facilities



Medical
Systems



Banking
Sector



Airport
Applications



Security
Systems



Data
Centres

GX9 SERIES ONLINE UPS SELECTION GUIDE

MODEL	GX9 1K (L)	GX9 2K (L)	GX9 3K (L)	GX9 6K (L)	GX9 10K (L)						
PHASE	Single phase with ground										
CAPACITY	1000 VA / 900 W	2000 VA / 1800 W	3000 VA / 2700 W	6000 VA / 5400 W	10000 VA / 9000 W						
INPUT											
Nominal Voltage	200/208/220/230/240VAC			208/220/230/240VAC							
Input Voltage Range	110-300 VAC (Based on load at 50%) 160-280VAC (Based on load at 100%)			110-300 VAC (Based on load at 50%) 176-300 VAC (Based on load at 100%)							
Frequency Range	40Hz ~ 70 Hz			46~54 Hz or 56~64 Hz							
Power Factor	≥ 0.99 @ Nominal Voltage (100% load)										
OUTPUT											
Output Voltage	200/208/220/230/240VAC**			208/220/230/240VAC***							
Voltage Regulation	± 1%										
Frequency Range (Synchronized Range)	47~ 53 Hz or 57 ~ 63 Hz			46~54 Hz or 56~64 Hz							
Frequency Range (Batt. Mode)	50 Hz ± 0.25 Hz or 60Hz ± 0.3 Hz			50 Hz or 60Hz ± 0.1 Hz							
Current Crest Ratio	3:1										
Harmonic Distortion	≤ 3 % THD (Linear Load) ≤ 6 % THD (Non-linear Load)			≤ 3 % THD (Linear Load) ≤ 5 % THD (Non-linear Load)							
Transfer Time	AC Mode to Battery Mode	Zero									
	Inverter to Bypass	4 ms (Typical)			Zero						
Waveform (Batt. Mode)	Pure Sinewave										
EFFICIENCY											
AC Mode	88%	89%	90%	92%	93%						
Battery Mode	83%	87%	88%	90%	91%						
BATTERY											
Standard Model	Battery Type	12 V / 7 AH / 9 AH*		12 V / 7 AH / 9 AH*		12 V / 7 AH / 9 AH*		12 V / 7 AH / 9 AH*			
	Numbers	2	4		6		16	20	16 20		
	Typical Recharge Time	4 hours recover to 90% capacity						9 hours recover to 90% capacity			
	Charging Current (max.)	1A						1A/2A			
Long-run Model*	Battery Type	Depending on the capacity of external batteries									
	Numbers	2	3	4	6	8	6	8	16 ~ 20 (Adjustable)		
	Charging Current (max.)	1A/2A/4A/6A (Adjustable)						1A/2A/4A/6A (Adjustable, 6A is only available for 16pcs batteries)			
	Charging Voltage	27.4VDC ± 1%	41.0VDC ± 1%	54.7 VDC ± 1%	82.1 VDC ± 1%	218.4 VDC ± 1%	273 VDC ± 1%	218.4 VDC ± 1%	273 VDC ± 1%		
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	Continuously sounding										
PHYSICAL											
Standard Model	Dimension, D x W x H (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 (kgs)	9.8		17		27.6		61	74	66	76
Long-run Model**	Dimension, D x W x H (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	
ENVIRONMENT											
Humidity	20-90 % RH @ 0- 40°C (non-condensing)				0-95% RH @ 0-50°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 RS-232/USB	Supports Windows 2000/2003/XP/Vista/2008/7/8, Linux, Unix, and MAC										
Optional SNMP	Power management from SNMP manager and web browser										

* 12V 9AH Battery will be provided on request.

● L - stands for Long Backup Model

► Product specifications are subject to change without further notice

**1-3KVA: Derate to 80% of capacity in Frequency converter mode and to 80% when the output voltage is adjusted to 200/208VAC

*** 6-10KVA: Derate to 60% of capacity in Frequency converter mode and to 90% when the output voltage is adjusted to 208VAC

Scan to
download



DANGER
Risk of High Voltage



CAUTION
Risk of Electric Shock



COMPULSORY
Wiring must be carried by
expert electrician only



GREENPOWER[®]
Zero Emission Technology

GREENPOWER[®] Zero Emission Technology reserved is a registered Trade Mark of GREENPOWER[®] Systems UK.

All other Trade Marks are property of their respective owners.

© 2024 GREENPOWER SYSTEMS UK
Energy Management & Power Conditioning Division
All Rights Reserved
Gx9 Ver.1.0 April, 2024