G-NET Series

On-Line UPS 1-3 kVA

Features

Sine Wave Output

Whether on the mains or on battery mode, the UPS will provide pure sine wave, promising purest power for the loads.

Zero Transfer Time

When the utility fails or resumes, the transfer time between utility mode and battery mode is zero. This ensures reliability of consistent load operation.

Bypass Output Rationalization

Even during operation in bypass mode, the load is not left unprotected. GNeT units provide stable output voltage in bypass mode, which makes the load more secure in all conditions.

TVSS Function

The implemented Transient Voltage Surge Suppress device protects your fax, modem and telephone.

DC Startup Function

When the utility voltage is not present and the UPS was switched off, the DC Startup function allows starting the unit on battery voltage only. This lets you conserve and use the energy in critical situations when other power sources are not available.

Bypass Protection Function

Dangerous voltages shall not be transferred to the load when the GNeT unit is on bypass mode. High voltage protection device will further improve load safety during bypass operation.

Long Backup Time Design

Installing a suitable battery pile can prolong the backup time for up to 8 hours with Long Backup models, to meet the needs of various mains requirements. Long Backup models include powerful charger that will provide up to 4A of current to external batteries.

Self Test Function

GNeT series are equipped with smart testing and simulation system, which will provide accurate and precise data about current unit's status. The test can be performed on demand by pressing the Self Test button. Termly tests can be achieved through the monitoring software.

Generator Power

The GNeT series can be run on generator power. In this case the load will continue receiving safe and stable voltage and frequency, cleaning the input power from the generator.

GAMATRONIC

Our Power, Your Confidence

More Features

Sensitive Power Environments Friendly

Using the units in electrically sensitive environments is possible as a result of high input parameters (PF>0.9).

Monitoring Software

For a convenient and effective UPS management, monitoring software with intelligent control can be provided.

Intelligent Slot

The GNeT series have an intelligent slot for the optional SNMP communication device for concentrative and remote monitoring functions.

Specifications

MODEL	GNeT1K	GNeT1KS	GNeT2K	GNeT2KS	GNeT3K	GNeT3KS
Output Capacity	1KVA/0.7kW		2kVA/1.4kW		3kVA/2.1kW	
INPUT						
Voltage	145Vac÷285Vac					
Frequency	50Hz±5%					
OUTPUT						
Voltage	220±3%Vac					
Frequency	50Hz ±0.5%					
Output Waveform	Sine Wave					
Transfer Time	Zero					
Typical Backup Time (full/half load)	5/13 min.	----	6/15 min.	------	5/13 min.	-----
DC Voltage	-----	36Vdc	----	96Vdc	----	96Vdc
Battery Type	Free maintenance seal lead acid battery					
Overload Capacity	110% - 130% output switch to bypass after 10 seconds; over 130% keep 300ms					
Crest Factor	3:1 (max)					
Distortion (full load) Linear Load Non-linear Load	<3% <6%					
Communication Interface	RS232+Inteligent Slot					
Working Temperature	0^{o} C to 40^{o} C					
Relative Humidity	20% to 90% (non-condensing)					
Dimensions [WxDxH] (mm)	145x405x220		195x455x330			
Net Weight (Kg)	14.5	9	34	17	34	17

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