

Giganet 6-10kVA is new generation small power UPS , both input and output are single phase, the output factor is 1. The efficiency of this UPS is very high, it can achieve power saving and reduce cost of customer in result. This UPS Includes SNMP Card and rails.



- 1:1 Phase
- 1.0 PF

3 Types of LCD Available



Colorful LCD



Gray LCD



Blue LCD

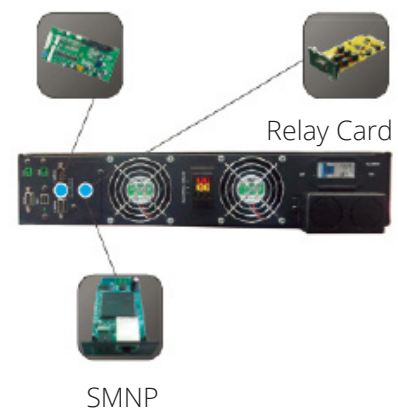
FEATURES
Includes SNMP Card and Rails
N+X Parallel Redundancy
Online Double Conversion with DSp Control
Input Current Harmonic <3%
Optimization Battery Group the Quality of Battery 16/18/20 pieces (Optional)
High Output Power Factor at 1PF
Wide Input Voltage Range 120-276 Vac
Wide Input Frequency Range
Support Generator Input
50Hz/60Hz Frequency Converter Mode
ECO Mode Opertation for Energy Saving
Self Testing on UPS Startup
Options: SMNP Card, Relay Card and Parallel Board



LCD Panel Can be Rotated



Battery Cabinet



Relay Card

SMNP

Model	GN-UPS-6KVAX-RT	GN-UPS-10KVAX-RT
Capacity VA/Watts	6000VA/6000W	10000VA/10000W
Phase	Single Phase With Ground	
<b>INPUT</b>		
Nominal Voltage	200/208/220/230/240 Vac	
Operating Voltage Range	120-276 Vac	
Input Voltage Range	55-150Vac or 110-300Vac@60% load. 80-15-45 Vac or 160-300Vac@100%	
Operating Frequency Range	40-70Hz	
Power Factor	1	
Bypass Voltage Range	Maximum Voltage: 220V+25% (Optional +10%, 15% 20%), 230V+20% (Optional +10%, 15%), 240V+15%(Optional +10%), MinimumVoltage-45% (Optional-20%- 30%),	
Bypass Frequency Range	Frequency Protection Range ±10%	
Eco Range	Same as Bypass	
Hermonic Distortion	<3%(10% Linear Load)	
Genarator Input	Support	
<b>OUTPUT</b>		
Output Voltage	200/208/220/230/240Vac	
Power Factor	1.0	
Voltage Regulation	± 1%	
Frequency	Line Mode	± 1%/ ± 2%/ ± 4%/ ± 5%/ ± 10% of thr rated frequency (optional)
	Bat.Mode	(50/60 ±0.1)Hz
Crest Factor	3:1	
Harmonic Distortion	≤2% THD (Linear Load)	
	≤5% THD (Non-Linear Load)	
Effeciency	>93%	
<b>BATTERY</b>		
Battery Voltage	± 96/108/120 VDC (Optional)	
Capacity (Standard Unit)	12V-7Ah/9Ah	
Charging Current	1A (Standard Unit) Long Run Unit Max Unit 10A Charging Current can be set according to battery capacity Installed	
Typical Recharging Time	6 Hours Recover 90% Capacity	
<b>SYSTEM FEATURES</b>		
Transfer Time	Mains To Battery: 0ms; Mains to Bypass: 0ms	
Overload	Line Mode	Load ≤110% last 10Min ≤130% last 1Min >130%turns to ByPass Mode Immediately
	Bypass Mode	40A (Breaker) 80A (Breaker)
Short Circuit	Hold Whole System	
Over Heat	Line Mode: Turn to Bypass ; Battery Mode : Shutdown UPS Immediatedly	
Battery Low	Alarm and Switch Off	
Self Diagnostics	Upon Power and Software Control	
Battery	Advanced Battery Management	
Audible and Visual Alarms	Line Failure, Battery Low ,Overload ,System Fault	
LED nad LCD Display	Line Mode, Bat. Mode , Eco Mode,Bypass Mode, Battery Under Voltage Overload and UPS fault	
LCD Dispalay	Input Voltage, Input Frequency, Output Voltage, Output Frequency, Load Percentage Battery Voltage Inter Temperature and remaining Backup Time	
Communication Interface	RS232, USB SNMP Card (Optional), Parallel Card (Optional) Relay Card (Optional)	
<b>ENVIRONMENT</b>		
Operating Temperature	0-40° C	
Storage Temperature	-25° C-55° C	
Humidity Range	20-90% RH @ 0-40° C (Non Condensing)	
Altitude	<1500m	
Noise Level	<5dB	
<b>PHYSICAL</b>		
Dimensions WxDxH (mm)	625X440X86.5	
Weight (Kgs)	13	15



## ORDERING INFORMATION

PART NUMBER	DESCRIPTION
GN-UPS-6KVAX-RT	GIGANET Smart Double online Conversion UPS 6kVA Rack/ Tower Single Phase, PF 1.0, External VRLA batteries , SNMP Card , with Mounting Rails / Multifunctional Brackets.
GN-UPS-10KVAX-RT	GIGANET Smart Double online Conversion UPS 10kVA Rack/ Tower Single Phase, PF 1.0, External VRLA batteries , SNMP Card , with Mounting Rails / Multifunctional Brackets.

Note: X to be replaced in the part number with S for in-built batteries

H without in-built batteries

For H models external battery packs or external batteries can be used to extend backup times.