

Product Overview

The GIGANET™ 3kVA Lithium-ion online double-conversion UPS is ideal for small-scale scenarios. It eliminates grid issues, supports rack-mount installation, and operates at up to 96% efficiency. The compact design and high-power density, along with Giganet lithium battery backup, save installation space. It supports automatic start-up and is suitable for unmanned sites. Optional intelligent cards enable comprehensive UPS status monitoring.



Images are for illustration purposes only; the actual product may vary.

FEATURES

Under dual conversion mode, efficiency reaches up to 96%, highly efficient and energy-saving.
In ECO mode, efficiency reaches up to 99%, providing economic and reliable performance.
Ultra-wide voltage input range, easily copes with harsh electricity environments.
Advanced DSP control technology, with self-fault diagnosis and processing capabilities.
Independent air duct design, ensuring more reliable overall operation.
Long-life lithium iron phosphate battery design, with a service life of up to 10 years, no need to replace batteries.
Optimized grid adaptability, perfect compatibility with generators.
Comprehensive warning and protection functions, automatic start-up detection, ensuring equipment safety.
Automatic mains start-up, supports unmanned operation.
Intelligent screen displays parameters, providing clear equipment status.
Compact size, flexible installation, effectively saving installation space.
Digital control, ultra-long endurance, supports low-current discharge.
Support SNMP, RS232, dry contact

Product Specification

Parameters		Values
Capacity		3kVA/2700W
Topology		Double Conversion Online UPS
Phase		Single Phase Input Single Phase Output
Mains Input	Wiring	L/N +PE
	Rated Voltage	220/230/240VAC
	Voltage Range	90 ~ 300VAC
	Frequency Range	40Hz ~ 70Hz
	Input Power Factor	≥ 0.99
AC Output	Wiring	L/N +PE
	Output Voltage	220/230/240VAC
	Voltage Regulation	±1%
	Output Frequency	50/60±4Hz(Sync Mode) / 50/60Hz±0.1%(Free Run)
	Waveform	Sine Wave
	Distortion	<1%(Linear Load)
	THDV%	<6%(None-Linear Load)
	Over load capability	1Min@105%~125% Rated Load 30Sec.@125%~150% Rated Load 0.5Sec.@>150% Rated Load
Battery & Charger	Battery Capacity & Backup Time	External Battery Dependent
	Charging Current	4A (standard) /10A (Optional)
Physical	Chassis Style	Rack
	Rack Dimension	3KS:438x88(2U)X360MM
	Weight	12Kg
HMI	LCD DISPLAY with LED indicator	Input/Output Voltage, Frequency, Load level, Operation Mode, Health Status
	Communication Port	1. RS232 PORT 2. Network Card: Support SNMP,TCP/IP Protocol , for remote monitor the UPS via Smart Phone APP, Web page, PC Monitor Software , Support Server / NAS shutdown
	BMS Port	1.Modbus 2.Control BMS (Battery Management System) charge and discharge dry contact
Operating Environment Endurance	Temperature Range	-10~50
	Relative Humidity	0-98% (Non-condensing)
	Acoustics Noise	<50dB @ 1 meters

Ordering Information

Part Number	Product Description
GN-UPS-3KVA-V-Li-RT	Giganet Single Phase Online Double Conversion Lithium-ion UPS 3kVA Rack Mounted, Internal/External Li-on batteries, SNMP Card with Mounting Rails / Multifunctional Brackets