

เครื่องสำรองไฟฟ้า

CLEANLINE[®]

UPS

True On-Line Double Conversion Design

Gilant Elite



Tower Model

G-5000: 5000VA/4000W

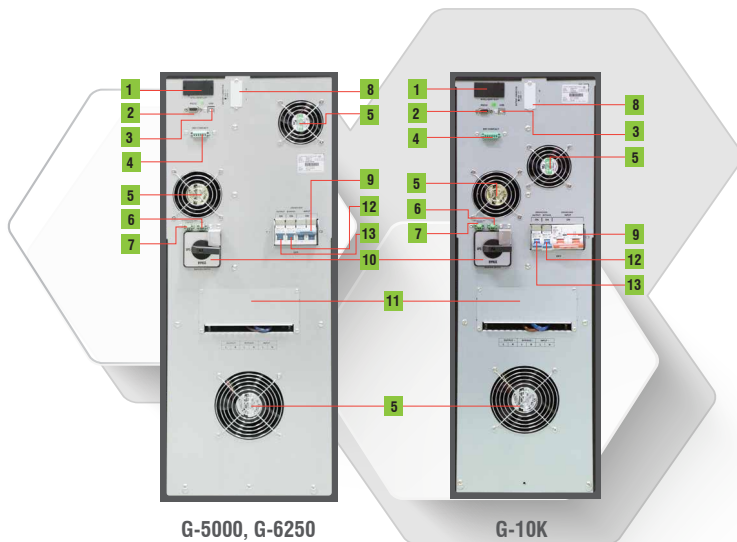
G-6250: 6250VA/5000W

G-10K: 10kVA/8kW

Main Features

- True on-line double conversion with full bridge inverter technology
- DSP technology guarantees high performance
- Galvanic isolation transformer design to withstand all kinds of loads
- Unique ventilation design for effective heat dissipation
- Wide input voltage and frequency range to withstand robust environment
- Fully coating PCBAs to withstand harsh environment
- Advanced Battery management (ABM)
- Mimic LCD display and LED status
- High short-circuit and overload capabilities
- Overload, short circuit, surge and spike protection
- Expanded long backup time with external battery
- Built-in maintenance bypass switch
- Dry contact RS-232 and USB port for management software
- Generator compatible

1. Intelligent Slot for SNMP Card
2. RS-232 for Software Management
3. USB for Software Management
4. Dry Contact
5. Cooling Fan
6. EPO (Emergency Power Off)
7. Bypass Auxilliary Contact
8. Battery Connector
9. Input Breaker
10. Maintenance Bypass Switch
11. Input & Output Terminal
12. Bypass Breaker
13. Output Breaker



G-5000, G-6250

G-10K

Technical Specifications

MODEL	G-5000	G-6250	G-10K
Capacity	5000VA/4000W	6250VA/5000W	10kVA/8kW
INPUT			
Nominal Voltage Acceptable Voltage Range Frequency	208VAC/220VAC//230VAC 165VAC ~285VAC 50Hz ±5Hz (±10%)		
OUTPUT			
Nominal Voltage Connection Type Waveform Output Voltage Stability Frequency Frequency Stability Frequency Synchronisation Range Frequency Synchronisation Speed Crest Factor Total Harmonic Distortion (THDv) Transfer Time Overload Capability	220VAC/230VAC/240VAC (Selectable) Hardwire 3-wire (1Ph+N+G) Pure Sinewave ±1% 50 Hz ± 0.1 Hz ± 5Hz (Equal to bypass working range) 1~2 Hz/s 3:1 < 3% (Linear Load) ; < 5% (Non-linear Load) 0 ms 110%~140% for 30 mins, >140% for 5 mins110%~120% for 5 mins, >120% for 1 seconds110%~120% for 30 mins, >120% for 5 mins		
SYSTEM			
Efficiency CVCF Mode EPO Function Over Temperature Protection Standard	88.3% Yes Yes Yes TIS.1291 Part 1-2553, TIS.1291 Part 2-2553, TIS.1291 Part 3-2555 IEC 61000-4-5 Protection surge, IEC 62040-2 EMC/EMI, IEC 62040-1 Safety, IEC 62040-3 Performance		
CHARGER & BATTERY			
Charger	Charger Voltage	218.4V ±1%	
	Max. Charging Current	8A	
Battery	Internal Battery	16 pcs	-
	Type/Voltage	sealed lead acid maintenance-free/192 VDC	
INDICATORS			
LCD Status	Load level, Battery level, Input/output voltage, Discharge timer, and Fault conditions		
LED Status	Bypass mode, AC mode, Battery mode, CVCF mode, Battery test		
Audible Alarm	Battery mode, Low battery, Overload and Fault		
PHYSICAL			
Dimensions, D x W x H (mm)	560 x 300 x 830		560 x 250 x 830
Net Weight (Kgs)	142 (with internal battery)		130 (with out battery)
ENVIRONMENT			
Operating Temperature Humidity Noise Level	0~ 40°C continuous running, 45°C derating to 85% with linear load 0~90% (non-condensing) Less than 58dB @ 1 Meter		
MANAGEMENT			
Modbus RS-232/RS485 Dry Contacts Optional SNMP	Supports Windows® 2000/2003/XP/Vista/2008/7/8, Linux and MAC outputs Power management from SNMP manager and web browser		