

เครื่องสำรองไฟฟ้า

CLEANLINE[®]

UPS

True On-Line Double Conversion Design

Giant Elite



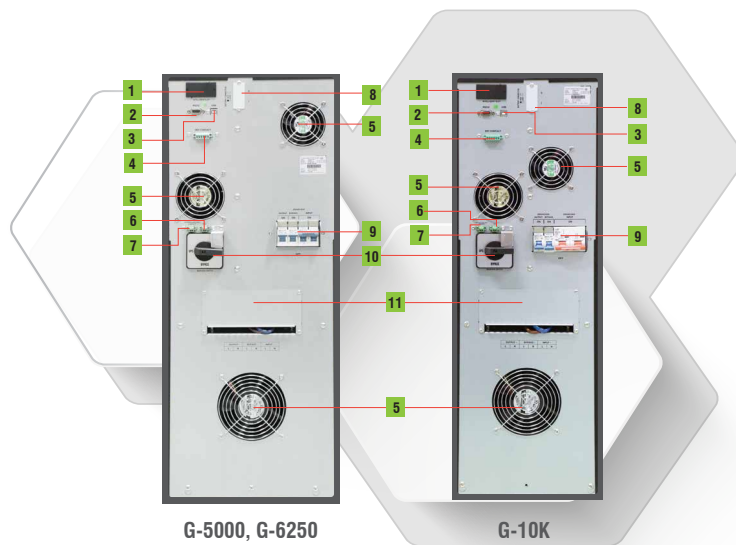
Tower Model

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



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		220VAC/230VAC/240VAC		
Acceptable Voltage Range		165VAC ~285VAC		
Frequency		50Hz ±5 Hz (±10%)		
OUTPUT				
Nominal Voltage		220VAC/230VAC/240VAC (Selectable)		
Connection Type		Hardwire 3-wire (1Ph+N+G)		
Waveform		Pure Sinewave		
Output Voltage Stability		±1%		
Frequency		50 Hz		
Frequency Stability		± 0.1 Hz		
Frequency Synchronisation Range		± 5Hz (Equal to bypass working range)		
Frequency Synchronisation Speed		1~2 Hz/s		
Crest Factor		3:1		
Total Harmonic Distortion (THDv)		< 3% (Linear Load) ; < 5% (Non-linear Load)		
Transfer Time		0 ms		
Overload Capability		110%~140% for 30 mins, >140% for 5 mins	110%~120% for 5 mins, >120% for 1 seconds	110%~120% for 30 mins, >120% for 5 mins
SYSTEM				
Efficiency		88.3%		
CVCF Mode		Yes		
EPO Function		Yes		
Over Temperature Protection		Yes		
Standard		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, ECO mode		
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		0~ 40°C continuous running, 45°C derating to 85% with linear load		
Humidity		0~90% (non-condensing)		
Noise Level		Less than 58dB @ 1 Meter		
MANAGEMENT				
Modbus RS-232/RS485		Supports Windows® 2000/2003/XP/Vista/2008/7/8, Linux and MAC		
Dry Contacts		outputs		
Optional SNMP		Power management from SNMP manager and web browser		