

GP SERIES

3-15 KVA

1:1 phase



Control Panel
LED+LCD



Application: Bank, FM Station, Tv Station, Cinema Hall, Medical Equipment, Industries



Features:

- **High reliability design**
Double Conversion on-line design, which makes the output a pure sine wave source with tracking frequency, phase-lock and voltage regulation, low distortion and without power fluctuation interference, providing the load with more comprehensive protection.
- **Strong protection for load**
Built-in isolation transformer, strong anti-interference ability, provides more comprehensive protection.
- **Wide input range**
Wide input voltage range up to :165-300Vac, avoid frequently switching to battery mode, which adapt to the areas with harsh environment.
Wide input frequency range, ensure all types of generators compatible.
- **Optimization of high-performance battery**
Advanced floating switching and charging technology maximise the activation of the battery, thus saves the charging time and extends the battery life.
- **Battery cold start function**
The UPS can be start directly by battery group when no utility power.
- **Comprehensive and reliable protection**
Self-diagnosis function before start-up, avoid the risks that the failure may lead to.
- **Conversion Type**
Double Conversion Special design UPS
AC-DC, DC-AC
- **UPS Shut down against**
The multi-protections such as overload, short-circuit, over-temperature, battery under voltage, battery over-voltage and so on greatly ensure the system stability and reliability.
Built-in static manual and electronic bypass switch, when UPS fails, it can transfer to bypass mode and continue to provide power for load by AC.
DC start function. The UPS can be started directly without AC power.
- **Adoption of IGBT Inverter, saves energy & coupled with an isolation transformer, enhances the reliability and load adaptability.**

■ User-friendly network management

Communication with computer can be realized by RS232 with corresponding monitoring software. The various parameters can be shown on the communication interface.

External SNMP adapter. The UPS with remote network management capability can provide real-time data for communication and management through a variety of network management systems.



1. RS232 port
2. FAN
3. Input breaker
4. Connection box
5. Entrance hole
6. Active wheel

Rear Panel

▶ Technical Specifications

MODEL	GP1103L16/IB	GP1105L16/IB	GP1106L16/IB	GP1108L16	GP1110L16	GP1115L16
Capacity (KVA)	3k	5K	6K	8k	10k	15k
INPUT						
Rated input voltage /Input PF	220/300Vac />0.99 pf					
Operating voltage range	165 ~ 300 Vdc					
Operating frequency range	50/60 Hz (±5%)					
OUTPUT						
Rated output voltage	220Vac±1% / 230Vac±1%					
Output frequency	50/60Hz±0.5%					
Power Factor	1.0					
Crest factor	3 : 1 (max)					
Max. efficiency	>99%					
THD	<3% (Linear load) &<5% (Non-Linear Load)					
Overload	125% :10min, 150% :60 sec					
BATTERY						
Battery voltage / Ch Current	192Vdc /1-12 charging Amp(Adjustable)					
Battery Configuration	7AH/12Vx16nos	7AH/12Vx16nos	7AH/12Vx16nos			
SYSTEM FEATURES						
Transfer Time	0 ms (AC mode → Battery mode)					
Communication interface	RS232, SNMP, Dry contact (optional)					
ENVIRONMENTAL						
Operating temperature	0 ~ 40°C					
Humidity range	0 ~ 95% (non condensing)					
Noise level	<45dB (1m from surface)					
PHYSICAL						
Dimension WxDxH (mm)	230x670x538	230x635x700	230x635x700	305x650x867	305x650x867	
Net Weight (kg)	30/54 Kg	32/57 Kg	34/59 Kg	60 Kg	63 Kg	72 Kg
STANDARDS						
Safety	IEC/EN62040-1; IEC/EN60950-1					
EMC	IEC/EN62040-2; IEC61000-4-2; IEC61000-4-3; IEC61000-4-4; IEC61000-4-5; IEC61000-4-6; IEC61000-4-8					

Specifications are subject to change without prior notice.

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