GP800 SERIES

1 ~ 20kVA

1:1 phase PF: 0.8

Control Panel

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.

Rear Panel

■ Wide input range

· Wide input voltage range up to :165~275Vac, avoid frequently switching to battery mode, which adapt to the areas with harsh environment.

· Wide input frequency range, ensure all types of fuel generators connected work stable.

■ Optimization of high-performance battery

· Advanced floating switching and charging technology maximums 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 access in, which meets the emergent needs of user.

· Strong cold start ability, which can do the cold start operation when full load.

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

■ Comprehensive and reliable protection

· Self-diagnosis function before start-up, avoid the risks that the failure may lead to.

· The multi-protections such as overload, short-circuit, over-temperature, battery under voltage, battery over-charge and so on greatly ensure the system stability and reliability.

· Built-in static 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, which meet the emergent needs of the user.

■ 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.

Technical Specifications:

MODEL	GP801	GP802	GP803	GP804	GP806	GP808	GP810	GP812	GP815	GP820
Capacity (VA/Watts)	1kVA/0.8kW	2kVA/1.6kW	3kVA/2.4kW	4kVA/3.2kW	6kVA/4.8kW	8kVA/6.4kW	10kVA/8kW	12kVA/9.6kW	15kVA/12kW	20kVA/16kW
INPUT										
Nominal voltage	220/230Vac									
Operating voltage range	165~275Vac									
Operating frequency range	50/60Hz (±5%)									
Power factor	> 0.97 (with filter)									
Max. input current(A)	12	18	24	30	42	54	66	78	96	112
OUTPUT										
Output voltage	220Vac(±0.5%) / 230Vac(±0.5%)									
Output frequency	50/60Hz(±0.5%)									
Crest factor	3:1 (max)									
Efficiency	>82%			>85%			>88%			
Harmonic distortion (THD)	<1.5%(linear load)									
BATTERY										
Battery voltage	48Vdc or 192Vdc			192Vdc						
SYSTEM FEATURES										
Transfer time	0 ms (Line mode→ Battery mode)									
Overload	>125% : 1min, >150%: 200ms									
Communication interface	RS232, SNMP(optional), Dry contact (optional)									
ENVIRONMENTAL										
Operating temperature	0~40℃									
Storage temperature	-25~55℃									
Humidity range	0~95% (non-condensing)									
Altitude	<1500m									
Noise level	<55dB									
PHYSICAL										
Dimension W×D×H (mm)	230×580×720 (S) 250×500×635 (H)					305×585×864			409×798×1044	
Net weight (S / H) (kg)	80/45	85/50	99/54	102/57	108/63	105	115	125	180	200
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.