

# GP800 SERIES

1 ~ 15kVA

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.

### ■ 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.

### ■ 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.



Rear Panel

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

## Technical Specifications:

MODEL	GP801	GP802	GP803	GP804	GP806	GP808	GP810	GP812	GP815	
Capacity (VA/Watts)	1k/0.8k	2k/1.6k	3k/2.4k	4k/3.2k	6k/4.8k	8k/6.4k	10k/8k	12k/9.6k	15k/12k	
<b>INPUT</b>										
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)	6	10	14	24	34	45	56	65	80	
<b>OUTPUT</b>										
Output voltage	220Vac(± 0.5%) / 230Vac(± 0.5%)									
Output frequency	50/60Hz(± 0.5%)									
Crest factor	3:1 (max)									
Efficiency	1~8kVA: 85% online 10~30kVA: 90% online									
Harmonic distortion (THD)	<1.5%(linear load)									
<b>BATTERY</b>										
Battery voltage	48Vdc or 192Vdc				192Vdc <i>✓</i> <b>16 PCS Battery x 12 V/17</b>					
<b>SYSTEM FEATURES</b>										
Transfer time	0 ms ( Line mode → Battery mode)									
Overload	>125% : 1min, >150%: 200ms									
Communication interface	RS232, SNMP(optional), Dry contact (optional)									
<b>ENVIRONMENTAL</b>										
Operating temperature	0 ~ 40°C									
Storage temperature	-25°C ~ 55°C									
Humidity range	0 ~ 95% (non-condensing)									
Altitude	<1500m									
Noise level	<55dB									
<b>PHYSICAL</b>										
Dimension D × W × H (mm)	608 × 200 × 538 (48Vdc/Battery) 580 × 230 × 720 (192Vdc/Battery)			580 × 230 × 720		585 × 305 × 864			798 × 409 × 1044	
Net weight (kg)	44/45	55/54	62/54	57	63	92	100	125	180	
<b>STANDARDS</b>										
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.