

GP800

1 - 10KVA

True on-line UPS 1:1 phase
Industrial Design (Transformer based)



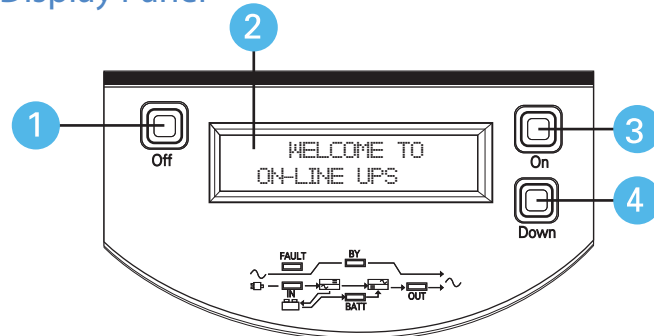
Highlights

- True on-line double conversion design providing all power protection
- Sine wave pulse width modulation
- IGBT inverter design
- Wide input voltage windows
- Pure sine wave output with less than 3% THD
- Expandable backup time, Backup time (Depend on User)
- Generator compatible
- Load/Battery power meter display
- Overload, on-line, battery status LED/LCD
- Advanced battery management
- Automatic charging in UPS off mode
- Zero transfer time on AC mode to/from battery mode, AC mode to/ from bypass mode
- Parallel capacity (option)
- Smart RS-232 communication port
- SNMP card internal (option)



TIS. 1291 (TYPE 1) 2553
TIS. 1291 (TYPE 2) 2553
TIS. 1291 (TYPE 3) 2555

Display Panel



1.OFF Switch
2.LCD Panel

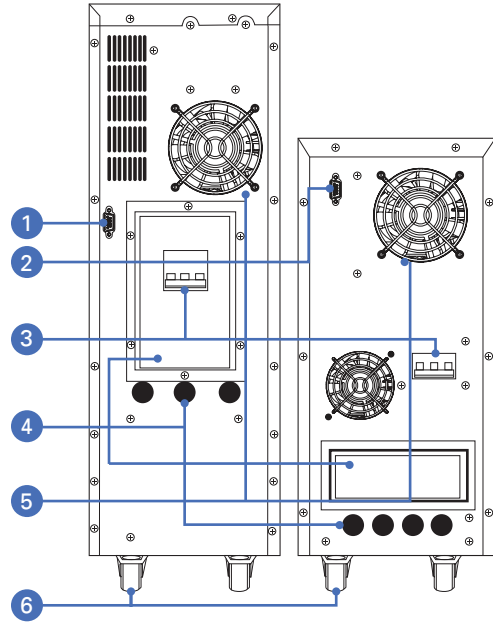
3.ON Switch
4.Scroll Button

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Rear panel view

1. Communication Interface
2. Air Breaker
3. Terminal Block
4. Wiring Holes
5. Fan
6. Active Wheels



Model		GP801	GP802	GP803	GP806	GP810
Capacity	VA	1000VA	2000VA	3000VA	6000VA	10KVA
	W	900W	1800W	2700W	5400W	9000W
Input	Voltage Range	220Vac \pm 20% or \pm 25%(option)				
	Frequency	50Hz \pm 6%				
	Phase	Single phase + GND				
	Max input current (110V)	12A	20A	48A	68A	112A
	Max input current (220V)	6A	10A	14A	34A	56A
Output	Voltage Range	220 Vac \pm 1%				
	Frequency	50Hz \pm 0.1 (Free Running)				
	Phase	Single phase + GND				
	THD	<3% (linear load)				
	Power Factor	0.9				
	Short Circuit Protection	Current limit, turn off automatically, Switch protect				
	Overload Capacity	Overload (110%-150%), 20s later go to bypass, automatically resume when load become normal				
Battery	Type	Sealed lead acid maintenance free				
	DC	192Vdc (48Vdc Optional)	192Vdc			
	Charge current	4.2A				
	Charge Time	90% capacity after 8 hours				
Panel indication	LCD	Working mode, I/P and O/P voltage, I/P and O/P frequency, Battery voltage, load percentage, UPS inner temperature				
	LED	low battery, online, inverter, bypass, abnormal				
Efficiency	Whole unit	0.8				
Communication		1. Power status 2. UPS shutdown 3. monitor UPS status 4. UPS self test 5. auto-save				
Protection	Surge Protection	IEEE527B				
	Noise	FCC.A				
Audible Noise		<55db (at 1 meter)				
Environment	Temperature	0~40°C				
	Humidity	0%-95%				
Harmonic Distortion		<3% For 100% Linear Load				
Transient Distortion		\pm 4% For 100% Instantaneous Load Variation				
Crest Ratio		4:1				
Efficiency AC to AC		> 85%				
General	Net weight (without battery)	46kg	63kg	99kg	108kg	115kg
	Packing (WxDxH) mm	320x620x730			350x725x810	470x765x916



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- All specifications subject to change without notice.
- Custom-made specifications are acceptable.
- Manufactured by factory with ISO 9001, ISO 14001, OHSAS 18001 STANDARD