

GP SERIES

ON-LINE UPS 4KVA-10KVA

The GP Series transformer based On-line Double Conversion UPS Units are best known for their durability and performance. The transformer based design gives a level of protection usually reserved for larger industrial units. By providing galvanic isolation, this gives superior protection by isolating the UPS output from the input. The GP series provide the ultimate protection against surges, dips, blackouts and lightning. When sized correctly, these units are able to drive motors, air conditioners, copiers, IT infrastructure as well as a range of custom applications with an expected lifespan of 15 years.

FEATURES

- True on-line double conversion design providing galvanic isolation
- Sine wave pulse width modulation (PWM)
- IGBT inverter design
- Wide input voltage window
- Pure sine wave output with less than 3% THD
- Expandable backup time
- Generator compatible
- Load/Battery power meter display
- Overload, on-line, battery status LED/LCD
- Advanced Battery Management
- Automatic charging in off-mode
- Zero transfer time on AC mode to/ from battery mode/ bypass mode
- Smart RS-232 communication



Telephone Systems



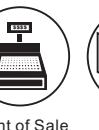
Computer



Servers



Camera Surveillance



Point of Sale



Gates



Industrial

PANELS



4/6KVA

LCD Functions

- AC Input voltage
- AC Input frequency
- AC Output voltage
- AC Output voltage
- Output load
- Battery voltage
- Internal temperature

- ① RS232 Communication Port
- ② Manual bypass
- ③ Input/output breaker
- ④ Input/output terminals
- ⑤ Relay contacts

Relay Contacts Functions

- AC failure
- Battery low voltage
- UPS fault
- Bypass

- ① LCD
- ② Output indicator
- ③ Fault indicator
- ④ Battery energy indicator
- ⑤ Overload indicator
- ⑥ Bypass indicator
- ⑦ On switch
- ⑧ Off switch
- ⑨ Display switch button
- ⑩ Input indicator



SPECIFICATIONS

Model	GP804				
Capacity	4KVA/3.2KW				
Input					
Voltage Range	176V-264V				
Frequency Range	40Hz-60Hz				
Phase	Single Phase				
Max. Current	20A				
Output					
Voltage	230V ± 1%				
Frequency	50 Hz ±0.5%				
Wave Form	PWM sine wave				
Power Factor	0.8				
Distortion	<3% (linear load)				
Battery					
Type	Sealed lead acid, maintenance free				
Configuration	16 X 12V/7AH Internal				
DC Voltage	192VDC				
Recharge Time	8 hours to 90% capacity after complete discharge				
Function					
Efficiency	>85%				
Transfer Time	0s				
UPS Status Indicator	Mains, inverter, bypass, UPS abnormal (fault)				
Ports	RS232				
Software	Windows 95/98/NT/2000/XP/Vista/7, Windows Server 2003/2008 Linux Debian, Redhat, Fedora, Suse, Ubuntu, Centos, Novell, Mac, FreeBSD				
Optional	SNMP, Relay contact output, AS400 relay contact, External manual bypass				
Internal Protection	Input surge filter Electronic and fuse protection Overload: when load reaches 110~150% of UPS rating, transfer to bypass after 3s, automatic recovery Over-temperature: automatically transfer to bypass if UPS internal temperature > 85 Degrees C Output short-circuit: current limit, automatic shutdown and fuse UPS Fault: automatically transfer to bypass				
LCD & Mimic Panel	Input and output voltage, input and output frequency, battery voltage, output load (%), temperature				
LED	Mains present, bypass, inverter, fault LED Green LED for normal operation; Yellow LED for warming condition; Red LED for abnormal operation				
Audible Alarm	Mains Disconnect: buzzer beeps once every four seconds Overload or abnormal operation: fault indicator light, buzzer continuously beeps				
Environment					
Temperature	0-40 Degrees C				
Humidity	0-90% (non-condensing)				
Noise	<58dB				
Physical					
Input/output	Terminal Connection				
Unit Weight	95Kg				
Dimension(W*D*H)	230*635*700mm				

RUNTIME IN MINUTES

LOAD VA/W	500VA 350W	1000VA 700W	2000VA 1400W	3000VA 2100W	4000VA 2800W
GP804	55	48	43	27	11
GP804L60	148	120	92	75	58
GP804L120	317	257	198	161	124
GP804L180	460	374	288	234	180
GP804L240	610	495	380	308	237

Longer runtimes available by request.

Specifications subject to change without prior notice.

