

UPS GAMAPOWVER

GP K900 Series



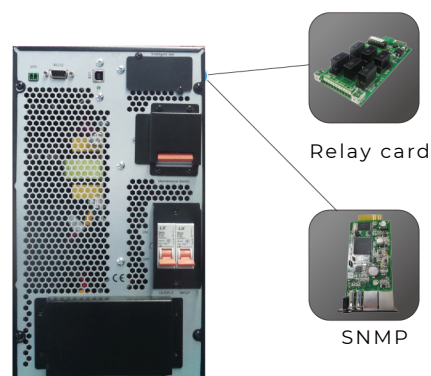
1:1 Phase PF 1.0

Power range: 6kVA~10kVA



Features

- Online double conversion with full digital control
- Optimization battery group, the quantity of battery:
16/18/20pcs (Settable)
- Wide input voltage range: 110~286Vac
- Input power factor 0.99 with PFC
- Wide input frequency range
- Selectable output voltage: 208/220/230/240Vac
- Generator compatible
- ECO mode operation for energy saving
- Self-testing when UPS startup
- Multiple communication interface: RS232/USB/EPO (Relay card /SNMP card optional)
- Cold start
- Design with maintenance switch (Optional)
- Intelligent fan speed regulation
- Multiple protection function: short-circuit, overload, overheat, battery overcharge and overdischarge, output low voltage and fan fault alarm



Technical Specifications:

MODEL		GP K906H11	GP K906S11	GP K9010H11	GP K9010S11
Capacity		6000VA/6000W			10000VA/10000W
INPUT					
Nominal voltage		208/220/230/240Vac			
Input voltage range		110~286Vac			
Power Factor		≥0.99			
Bypass voltage range		Max. voltage: 220V: + 25% (Optional + 10%, + 15%, + 20%)			
		230V : + 20% (Optional + 10%, + 15%)			
		240V: + 15% (Optional + 10%)			
		Min. voltage: - 45% (Optional - 20%, - 30%)			
FREQUENCY					
Frequency range		40~70Hz (50/60Hz Auto-Sensing)			
OUTPUT					
Output voltage		208/220/230/240Vac			
Voltage regulation		± 1%			
Power Factor		1.0			
Output Frequency	Line mode	± 1%/ ± 2%/ ± 4%/ ± 5%/ ± 10% of the rated Frequency (Optional)			
	Bat. mode	(50/60 ± 0.1%)Hz			
Crest Factor		3:1			
Harmonic distortion (THDv)		≤2% Linear load			
		≤5% Non linear load			
Transfer time	AC mode to Bat. mode	0 ms			
	Inverter to Bypass	0 ms			
Output waveform		Pure Sinewave			
Overload	Line mode	Load≤110% last 60min; ≤125% last 10min; ≤150% last 1min; >150% turn to bypass mode immediately			
	Bypass mode	40A (Breaker)		63A (Breaker)	
Efficiency		up to 93.5%			
BATTERY					
Battery voltage		± 96/ ± 108/ ± 120Vdc (Settable)	± 96Vdc (16pcs -batt 7AH/12V)	± 96/ ± 108/ ± 120Vdc (Settable)	± 96Vdc (16pcs -batt 9AH/12V)
Capacity (Standard unit)		12V-7AH / 12V-9AH			
Typical recharging time		6~8 hours (To 90% of Full capacity)			
Charging current		1.35A (Standard unit); Long run unit Max. current 10A (Charging current can be set according to battery capacity)			
INDICATORS					
LED display		Line mode, Bat. mode, ECO mode, Bypass mode, Battery low voltage, Overload & UPS Fault			
LCD display		Input voltage, Input Frequency, Output voltage, Output Frequency, Load percentage, Battery voltage, Inner temperature & Remaining battery backup time			
ALARM					
Battery mode		Beeping every 4 seconds			
Battery low		Beeping every second			
Overload		Beeping twice every second			
Fault		Continuously beeping			
PHYSICAL					
Dimension W×D×H		H: 191×460×337mm; S: 191×460×720mm (With wheel)			
Net weight		12.5kg	55.8kg	14kg	63.1kg
ENVIRONMENT					
Operating temperature		0°C~40°C			
Storage temperature		- 25°C~55°C			
Humidity range		20~95%RH @ 0~40°C (Non condensing)			
Altitude		< 1500m, derating required when > 1500m			
Noise level		< 55dB at 1 Meter		< 58dB at 1 Meter	
STANDARDS					
Safety		IEC/EN 62040-1, IEC/EN 62477-1			
EMC		IEC/EN62040-2 (IEC61000-4-2, IEC61000-4-3, IEC61000-4-4, IEC61000-4-5, IEC61000-4-6, IEC61000-4-8, IEC61000-4-11, IEC61000-2-2)			

1. When output voltage is 208Vac, need to derate to 80% of the unit capacity
2. Specifications are subject to change without prior notice
3. Data above are typical values for reference only, not as a basis for engineering design