

UPS GAMAPOWER

GP K900 Series



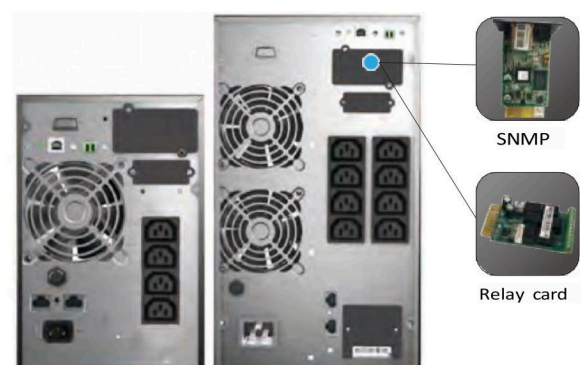
1:1 Phase PF 0.9

Power range: 1kVA~3kVA



Features

- High power density
- Online double conversion with full digital control
- Wide input voltage range: 110~300Vac
- Input power factor 0.99 with PFC
- Selectable output voltage: 208/220/230/240Vac
- Smart charger design for optimized battery performance
- Maximum charging current can be expanded to 12A (Long run unit)
- Emergency power off function (EPO)
- ECO mode operation for energy saving
- Generator compatible
- Cold start
- Intelligent fan speed regulation
- Load segment settable (Optional)
- Versatile LCD human-computer interface
- Multiple communication interface: RS232 (USB/EPO/ Relay card/SNMP card optional)
- Multiple protection function: short-circuit, overload, overheat, battery overcharge and over discharge, output low voltage and fan fault alarm



Rear panel



Optional socket

Technical Specifications:

MODEL		GP K901H11	GP K901S11	GP K902H11	GP K902S11	GP K903H11	GP K903S11
Capacity		1000VA/900W		2000VA/1800W		3000VA/2700W	
INPUT							
Nominal voltage		208/220/230/240Vac					
Input voltage range		110~300Vac (176~264Vac @ 100% load)					
Power Factor		≥0.99					
FREQUENCY							
Frequency range		40~70Hz (50/60Hz Auto-Sensing)					
OUTPUT							
Output voltage		208/220/230/240Vac					
Voltage regulation		±1%					
Power Factor		0.9					
Output	Line mode	46~54Hz or 56~64Hz					
Frequency	Bat. mode	(50/60±0.1%) Hz					
Crest Factor		3:1					
Harmonic distortion (THDv)		≤3% Linear load ≤5% Non linear load					
Transfer	AC mode to Bat. mode	0ms					
time	Inverter to Bypass	4ms (Typical)					
Output Waveform		Pure Sinewave					
EFFICIENCY							
AC mode		88%		90%		91%	
Battery mode		85%		87%		88%	
BATTERY							
Battery number		3	3	6	6	8	8
Capacity (Standard unit)		12V-7AH		12V-7AH		12V-7AH	
Typical recharging time		4 hours (to 90% of full capacity)					
Charging voltage		41.1Vdc±1%	41.1Vdc±1%	82.2Vdc±1%	82.2Vdc±1%	109.6Vdc±1%	109.6Vdc±1%
Charging current (Max.)		6A/12A	1A	6A/12A	1A	6A/12A	1A
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		144×293×209mm	144×399×209mm	191×460×337mm			
Net weight		4.1kg	11.3kg	10kg	22.7kg	10kg	27.2kg
ENVIRONMENT							
Operating temperature		0℃~40℃					
Storage temperature		- 25℃~55℃					
Humidity range		20~95%RH @ 0~40℃(Non condensing)					
Altitude		< 1500m, derating required when > 1500m					
Noise level		< 50dB at 1 Meter					
STANDARDS							
Safety		IEC/EN 62040-1, IEC/EN 62477-1					
EMC		IEC/EN 62040-2 (IEC61000-4-2, IEC 61000-4-3, IEC 61000-4-4, IEC 61000-4-5, IEC 61000-4-6, IEC 61000-4-8, IEC 61000-4-11, IEC 61000-2-2)					

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