

### Key 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)
- ◆ Versatile LCD human-computer interface
- ◆ ECO mode operation for energy saving Multiple communication interface:RS232 (USB/EPO/Relay card /SNMP card optional)



GXK-1-1-1-CO		
Capacity	1000VA / 900W	
<b>INPUT</b>		
Nominal voltage	208/220/230/240Vac	
Input voltage range	110~300Vac (176~280Vac @ 100% load)	
Power factor	≥0.99	
<b>FREQUENCY</b>		
Frequency range	40~70Hz (50/60Hz Auto-Sensing)	
<b>OUTPUT</b>		
Output voltage	208/220/230/240Vac	
Voltage regulation	±1%	
Power factor	0.9	
Output frequency	Line Mode	46~54Hz or 56~64Hz
	Bat. Mode	(50/60±0.1%)Hz
Crest factor	3:01	
Harmonic distortion (THDv)		≤3% Linear load
		≤5% Non linear load
Transfer time	AC mode to Bat.Mode	0ms
	Inverter to Bypass	4ms (Typical)
Output waveform	Pure Sinewave	
<b>EFFICIENCY</b>		
AC mode	88%	
Battery mode	85%	
<b>BATTERY</b>		
Battery number	2	
Capacity (Standard unit)	9Ah/12V	
Typical recharging time	4 hours (to 90% of full capacity)	
Charging voltage	41.1Vdc±1%	
Charging current (Max)	1A	
<b>INDICATORS</b>		
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
<b>ALARM</b>	
Battery mode	Beeping every 4 seconds
Battery low	Beeping every second
Overload	Beeping twice every second
Fault	Continuously beeping
<b>PHYSICAL</b>	
Dimension W x DxH (mm)	144 x 293 x 209
Net weight (kg)	9.3
<b>ENVIRONMENT</b>	
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	<50dB at 1 Meter
<b>STANDARDS</b>	
Safety	IEC/EN62040-1, IEC/EN62477-1
EMC	IEC/EN62040-2,IEC61000-4-2,IEC61000-4-3,IEC61000-4-4,IEC61000-4-5,IEC61000-4-6,IEC61000-4-8