

Key Features:

- ◆ High power density
- ◆ LCD supports Rack/Tower convertible design
- ◆ N+X parallel redundancy, support maximum 4 units in parallel
- ◆ Online double conversion with full digital control
- ◆ Optimization battery group, the quantity of battery:16/18/20pcs (Settable)
- ◆ Wide input voltage range:110~286Vac
- ◆ Wide input frequency range
- ◆ Generator compatible
- ◆ ECO mode operation for energy saving
- ◆ Self-testing when UPS startup
- ◆ Multiple communication interface:RS232/USB/EPO (Relay card /SNMP card optional)
- ◆ Parallel kit default
- ◆ Maximum charging current up to 10A
- ◆ Cold start
- ◆ Intelligent fan speed regulation
- ◆ Multiple protection function: short-circuit, overload, overheat, battery overcharge and over discharge, output low voltage and fan fault alarm



GXK-1-1-6 RTO		
Capacity	6000VA / 5400W	
INPUT		
Nominal voltage	208/220/230/240Vac	
Input voltage range	110~286Vac	
Power factor	≥1	
	Max.voltage:220V:+25% (Optional+10%,+15%,+20%) 230V:+20% (Optional+10%,+15%,+20%)	
Bypass voltage range	240V:+15% (Optional+10%) Mi. 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	0.9	
Output frequency	Line Mode	±1%/±2%±/±4%/±5%/±10% of the rated frequency (Optional)
	Bat. Mode	(50/60±0.1%) Hz
Crest factor	3:01	
Harmonic distortion (THDv)	≤2% Linear load	
	≤5% Nonlinear load	
Transfer time	AC mode to Bat.Mode	0ms
	Inverter to Bypass	0ms
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)
Efficiency		94%
BATTERY		
Battery voltage		240Vdc
Capacity (Standard unit)		9Ah/12V (7Ah/12V optional)
Typical recharging time		6~8 hours (to 90% of full capacity)
Charging current		1A (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 x D x H (mm)		440 x 625 x 86.5
Net weight (kg)		69.5
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
STANDARDS		
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