

### Key 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
- ♦ Max 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 over discharge, output low voltage and fan fault alarm



|                            |                     |                                                                                                      |
|----------------------------|---------------------|------------------------------------------------------------------------------------------------------|
| GXK-1-1-6-CO               |                     |                                                                                                      |
| Capacity                   |                     | 6000VA / 5400W                                                                                       |
| INPUT                      |                     |                                                                                                      |
| Nominal voltage            |                     | 208/220/230/240Vac                                                                                   |
| Input voltage range        |                     | 110~286Vac                                                                                           |
| Power factor               |                     | ≥0.99                                                                                                |
| Bypass voltage range       |                     | Max.voltage:230~264Vac Min.voltage:176~220Vac                                                        |
| 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           | ±10% of the rated frequency                                                                          |
|                            | 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  | 5ms (Typical)                                                                                        |
| Output waveform            |                     | Pure Sinewave                                                                                        |
| Overload                   | Line Mode           | Load≤105% long time running; ≤125% last 10min; ≤130% last 30s; >130% turn to bypass mode immediately |
|                            | Bypass Mode         | 40A (Breaker)                                                                                        |
| Efficiency                 |                     | 93.50%                                                                                               |

|                          |                                                                                                                                                 |
|--------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|
| 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 8A (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×H (mm)   | H:191 x 460 x 337; S:191 x 460 x 720 (With wheel)                                                                                               |
| 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                                                     |