

G Series



- True double-conversion
- Microprocessor control optimizes reliability
- Input power factor correction
- Output power factor 0.8
- Wide input voltage (110 V – 300 V)
- Converter mode available
- ECO mode for energy saving
- Generator compatible
- Charger capacity expansion to 6A for long-run models
- Smart SNMP works well with either USB or RS-232 together
- Comprehensive display allows easy monitoring and access of UPS status

G Series Online UPS Selection Guide

MODEL		G1K / G1KL	G2K / G2KL	G3K / G3KL
PHASE		Single phase with ground		
CAPACITY		1000 VA / 800 W	2000 VA / 1600 W	3000 VA / 2400 W
INPUT				
Nominal Voltage		100/110/115/120/127VAC or 200/208/220/230/240VAC		
Voltage Range		55-145 VAC or 110-300 VAC		
Frequency Range		40 Hz ~ 70 Hz		
Power Factor		≥ 0.99 @ Nominall Voltage (100% load)		
OUTPUT				
Output Voltage		100/110/115/120/127VAC or 200/208/220/230/240VAC		
Voltage Regulation		± 1 %		
Frequency Range (Synchronized Range)		47~ 53 Hz or 57 ~ 63 Hz		
Frequency Range (Batt. Mode)		50 Hz or 60Hz ± 0.1 Hz		
Current Crest Ratio		3:1		
Harmonic Distortion		≤ 3 % THD (Linear Load) ≤ 6 % THD (Non-linear Load)		
Transfer Time	AC to DC	Zero		
	Inverter to Bypass	4 ms (Typical)		
Waveform (Batt. Mode)		Pure Sinewave		
EFFICIENCY				
To AC Mode		88%	89%	90%
To Battery Mode		83%	87%	88%
BATTERY				
Standard Model	Battery Type	12 V / 7 AH	12 V / 7 AH	12 V / 7 AH
	Numbers	3	6	6
	Typical Recharge Time	4 hours recover to 90% capacity		
	Charging Current (max.)	1.0 A		
	Charging Voltage	41.0VDC ± 1%	82.1 VDC ±1%	82.1 VDC ±1%
Long-run Model *	Battery Type	Depending on the capacity of external batteries		
	Numbers	3	6	8
	Charging Current (max.)	1.0A/2.0A/4.0A/6.0 A		
	Charging Voltage	41.0VDC ± 1%	82.1 VDC ±1%	109.4VDC ±1%
INDICATORS				
LCD		Load level, Battery level, AC mode, Battery mode, Bypass mode, and Fault indicators		
ALARM				
Battery Mode		Sounding every 4 seconds		
Low Battery		Sounding every second		
Overload		Sounding twice every second		
Fault		Continuously sounding		
PHYSICAL				
Standard Model	Dimension, D x W x H(mm)	397 x 145 x 220	419 x 190 x 318	
	Net Weight (kgs)	13	26	28
Long-run Model *	Dimension, D x W x H(mm)	282 x 145 x 220	397 x 145 x 220	
	Net Weight (kgs)	4.6	6.8	7.4
ENVIRONMENT				
Humidity		20-90 % RH @ 0- 40°C (Non-condensing)		
Noise Level		Less than 50dBA @ 1 Meter		
MANAGEMENT				
Smart RS-232 / USB		Supports Windows® 2000/2003/XP/Vista/2008, Windows® 7/8, Linux, Unix, and MAC		
Optional SNMP		Power management from SNMP manager and web browser		

*Long-run model is only available in 200/208/220/230/240VAC systems.

**Derate to 80% of capacity in Frequency converter mode and to 80% when the output voltage is adjusted to 100/200/208VAC.

Product specifications are subject to change without further notice.