

GXT-2000RTPLUSG230

Rackmount/Rack Tower

2kVA



Features

- True Online Double-Conversion
- Output power factor 0.9
- ECO and advanced ECO mode for energy saving
- Output voltage regulation < 1 %
- Higher output crest ratio 3:1
- 50Hz/60Hz frequency converter mode
- Programmable power management outlets
- Emergency power off function (EPO)
- Hot swappable battery design
- Optional HID Power Device USB Port



GXT-2000RTPLUSG230

Technical Specifications

Model/Part Number

GXT-2000RTPLUSG230

Phase	Single phase with ground
Capacity	2000 VA/ 1800 W

Input

Nominal Voltage	100* / 110* / 115* / 120 / 127 VAC or 200 / 208 / 220 / 230 / 240 VAC
Voltage Range	55-150 VAC \pm 5% or 110 -300 VAC \pm 5% @ 50% load; 80 -150 VAC \pm 5% or 160 -300 VAC \pm 5% @ 100% load
Frequency Range	40 Hz – 70 Hz
Power Factor	\geq 0.99@ nominal voltage (100% load)
THDi	\leq 5% @ nominal input voltage

Output

Output Voltage	220 / 230 / 240 V (selectable)	
AC Voltage Regulation (Battery Mode)	\pm 1%	
Frequency Range (Synchronized Range)	57 – 63 Hz @60 Hz or 47 – 53 Hz @50 Hz	
Frequency Range (Battery Mode)	60 Hz or 50 Hz	
Current Crest Ratio	3:1 (max)	
Harmonic Distortion	<2% THD (Linear Load); \leq 4 % THD (Non- linear Load)	
Transfer Time	AC Mode to Battery Mode Inverter to Bypass	Zero 4 ms (Typical)
Waveform (Battery Mode)	Pure Sinewave	

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Phase	Single phase with ground
Capacity	2000 VA/ 1800 W

Efficiency

AC Mode	91%
ECO Mode	97%
Battery Mode	89%

Battery

Standard Model	Battery Type	Sealed Lead-Acid Maintenance free VRLA 12V / 7Ah
	Numbers	6
	Battery Design Life	>3 Years in Standby Service at 25°C
	Typical Recharge Time	4 hours recover to 90% capacity
	Charging Current (max.)	1.5 A**
	Charging Voltage	82.1 VDC ± 1%
	Battery Test function	Yes

Battery Configuration**Backup Time (Minutes)**

	25%	33
	50%	13
Load Level	58%= 1050W	10
	75%	6.5
	100%	4

Indicators

LCD Display	UPS status, Load level, Battery level, Input/Output voltage, Discharge timer, and Fault conditions
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Alarm

Battery Mode	Sounding every 5 seconds
Low Battery	Sounding every 2 seconds
Overload Protection	Sounding every second
Fault	Continuously sounding

Physical

Standard Model	Dimension, D × W × H (mm)	630 × 438 × 88
	Net Weight (kgs)	26.9

Environment

Humidity	20 – 90% RH @ 0-40°C (non- condensing)
Noise Level	Less than 50 dB @ 1 Meter

Management

Smart RS-232 or USB	Supports Windows® 2000 / 2003 / XP / Vista / 2008 / 7 / 8 / 10, Linux and MAC
Optional SNMP	Power management from SNMP manager and web browser

*Derate capacity to 95% when the output voltage is adjusted to 115VAC, derate capacity to 90% when the output voltage is adjusted to 110 VAC and derate capacity to 80% when the output voltage is adjusted to 100VAC / 200VAC / 208VAC.

**If standard UPS is equipped with additional charger, the available setting options become 2 A, 3A and 4A.

Product specifications are subject to change without further notice.