



Efficiency, Reliability, Stability

Application

- Computer & Server
- Data Center
- Telecom
- CCTV System
- Equipment

Features

- True online double-conversion UPS
- Wide input voltage range (110 ~ 300 VAC)
- Programmable power management outlets
- ECO operation for higher efficiency strategy
- Hot swappable battery design
- Smart battery charger optimizing battery performance up to 50%



GXR 1000S/1500S/2000S/3000S

Product data sheet



MODEL	GXR-1000S/SL*	GXR-1500S/SL	GXR-2000S (48V)**	GXR-2000S/SL	GXR-3000S/SL
Capacity	1000VA/900W	1500VA/1350W	2000VA/1800W	2000VA/1800W	3000VA/2700W
INPUT					
Input Phase	Single phase with ground (2 wires + ground)				
Voltage Range	110 VAC ~ 300 VAC ±3%				
Frequency Range	40 Hz ~ 70 Hz				
Input Power Factor	> 0.99				
OUTPUT					
Output Phase	Single phase with ground (2 wires + ground)				
Output Voltage	220 VAC default, configurable to 200/208/220/230/240 VAC				
Voltage Regulation	± 1%				
Frequency Range	50/60 Hz ± 0.1 Hz				
Output Power Factor	0.9				
Current Crest Ratio	3:1				
Harmonic Distortion	≤ 2% THD (Linear Load)				
Transfer Time	Zero				
Waveform	Pure Sine wave				
EFFICINENCY					
Overall	90%		91%		92%
BATTERY					
Battery Type	Valve Regulated Lead-acid Maintenance Free, Gel, Ni-Cd				
Battery Voltage	36VDC		48VDC	72VDC	
Typical Recharge Time	3 hours recover				
INDICATORS					
LCD Panel	UPS status, Load level, Battery level, Input/output voltage, Discharge timer, and Fault conditions				
ALARM					
Battery Mode	Sounding every 4 seconds				
Low Battery	Sounding every second				
Overload	Sounding twice every second				
Fault	Continuously sounding				
PHYSICAL					
Dimension W*D*H (mm)	438*410*88 (2U)	438*410*88 (2U)	438*410*88 (2U)	438*630*88 (2U)	438*630*88 (2U)
Net Weight (Kgs)	14.2	14.2	9.7	26.9	29.3
ENVIRONMENT					
Humidity & Temperature	0-95% RH @ 0-40 °C (non-condensing)				
Altitude (m)	2000m capacity without derating @ 20 °C temperature				
Noise Level	Less than 48dB @ 1M				Less than 50dB @ 1M
MANGEMENT					
Smart RS-232/USB	Support Windows Family, Linux, Unix, MAC, Hyper-V, VMware, etc.				
EPO	Yes				
Optional	Dry Contact, BACnet, SNMP network card, Relay card, Modbus card				
	External battery Pack, Isolation Transformer, ATS16, Maintenance Bypass Switch				
STANDARDS					
Safety	IEC/EN62040 -1, CE				
EMC	IEC/EN62040 -2				
Performance	IEC/EN62040 -3				

* L means long-run model

** GXR-2000S(48V) must be attached with "BT090402" battery pack, the battery weight is 33.3kg.

NOTE 1: Derate to 60% of capacity in CVCF mode and to 90% when the output voltage is adjusted to 208VAC.

NOTE 2: If the UPS is installed or used in a place where the altitude is above 1000m, the output power must be derated one percent per 100m.



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