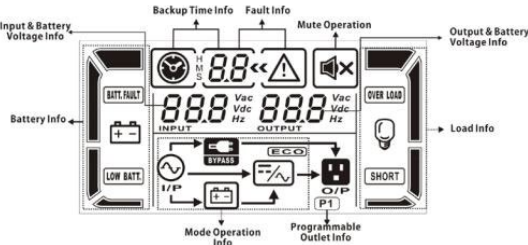


Galaxy Internal Rack Mount 1 To 3KVA, Online UPS

Reference Standard - EMC/Safety - EMC EN62040-2 C2



Features

- Unity Power Factor
- True Double Conversion
- EPO Function
- Network Manageable
- ECO Mode for Energy Saving
- Low THDi to reduce power system pollution
- Adjustable charging current
- 19" Inch Rack Mount Design – Vertical and Horizontal – High Convenience
- Online, Pure Sinewave Output & Zero conversion time
- High Performance through DSP Technology
- 50/60 Hz Frequency Converter
- Compatible with Generator
- Output Power Factor 1
- Optional N + X Parallel Redundancy
- Rs232 communication interface for intelligent local and remote monitoring – compatible with SNMP

Accessories

Optimized Battery Configuration 7Ah/9Ah (12V)	Multifunctional Bracket	Battery Cabinet (Optional)



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Technical Specifications

Model		E001GIR31		E002GIR31		E003GIR31	
Phase		Single Phase with Ground					
Capacity		1000 VA / 1000 W		2000 VA / 2000 W		3000 VA / 3000 W	
Input							
Nominal Voltage		100/110/115/120 /127 VAC or 200/208/220/230/240 VAC					
Voltage Range		55-150 VAC ± 5% or 110-300 VAC ± 5% @ 50% Load, 80-150 VAC ± 5% or 160-300 VAC ± 5% @ 100% Load					
Frequency Range		40Hz ~ 70Hz					
Harmonic Distortion(THDi)		≤5% @ Nominal Input Voltage					
Power Factor		≥ 0.99 @ Nominal Voltage (100% Load)					
Output							
Output Voltage		100*/110*/115*/120/127 VAC or 200*/208*/220/230/240 VAC					
AC Voltage Regulation (Batt. Mode)		± 1%					
Frequency Range (Synchronized Range)		57 ~ 63 Hz or 47 ~ 53 Hz					
Frequency Range (Batt. Mode)		60Hz ± 0.1Hz or 50 Hz ± 0.1Hz					
Current Crest Ratio		3:1 (max.)					
Harmonic Distortion		≤2 % THD (Linear Load); ≤4 % THD (Non-Linear Load)					
Transfer Time	AC Mode to Battery Mode	Zero					
	Inverter to Bypass	4 ms (Typical)					
Waveform (Batt. Mode)		Pure Sinewave					
Efficiency							
AC Mode		≥ 89% @ Full Charged Battery		≥ 91% @ Full Charged Battery			
ECO Mode		≥ 96% @ Full Charged Battery					
Battery Mode		≥ 88%		≥ 90%			
Battery							
Battery Type		12 V / 9 AH	12 V / 7 AH	12 V / 9 AH	12 V / 7 AH	12 V / 9 AH	
Numbers		2	3	4	6	6	
Typical Recharge Time		3 Hours Recover to 95% Capacity for Internal Battery@ 2A Charging Current					
Charging Current		100/110/115/120 /127 VAC Models: Default 2A, Max. 8A Adjustable 200/208/220/230/240 VAC Models: Default 2A, Max. 12A Adjustable				Default: 2A, Max: 8A Adjustable	
Charging Voltage		27.4 VDC ± 1%	41.1 VDC ± 1%	54.8 VDC ±1%	82.1 VDC ±1%	82.1 VDC ±1%	



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Technical Specifications

Model	E001GIR31		E002GIR31		E003GIR31
Phase	Single Phase with Ground				
Capacity	1000 VA / 1000 W		2000 VA / 2000 W		3000 VA / 3000 W
Physical					
Dimension, D X W X H (mm)	410 x 438 x 88		510 x 438 x 88	630 x 438 x 88	630 x 438 x 88
Net Weight (without battery) (kgs)	6.6	7.8	9.4	10.6	12.4
Net Weight (with battery) (kgs)	11.6	14.1	19.5	23.3	27.5
Environment					
Humidity	20-90 % RH @ 0- 40°C (Non-Condensing)				
Noise Level	Less than 50dBA @ 1 Meter				
Altitude	10% de-rating for over 1000m (The altitude should not exceed 3000m)				
Management					
Smart RS-232/USB	Supports Windows® 2000/2003/XP/Vista/2008/7/8, Linux and MAC				
Optional SNMP	Power management from SNMP manager and web browser				

