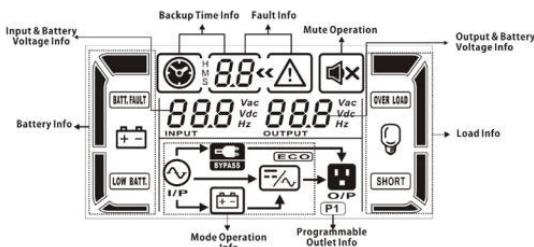


Galaxy Internal Rack Mount 1 To 3KVA, Online UPS

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
Net Weight (without battery) (kgs)	6.6	7.8	9.4
Net Weight (with battery) (kgs)	11.6	14.1	19.5
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		

