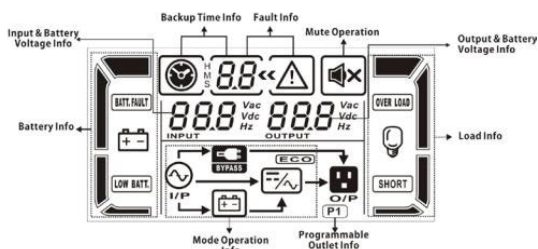


# Galaxy External Rack Mount 6 To 10KVA, Online UPS

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

## High Performance, High Efficiency

- Double Conversion Online UPS
- Close to 0.99 Power Factor
- High Efficiency

## Expandable

- More runtime can be added by increasing the external battery modules
- Long battery life



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## Technical Specifications

Model		E006GER31	E010GER31
Phase		Single Phase In / Single Phase Out	
Capacity		6000 VA / 6000 W	10000 VA / 10000 W
Input			
Nominal Voltage		208/220/230/240 VAC	
Voltage Range		110~300VAC ± 3 % at 50% Load, 176~300VAC ± 3 % at 100% Load	
Frequency Range		46~54 Hz or 56~64 Hz	
Power Factor		≥ 0.99 @ Full Load	
Harmonic Distortion (THDi)		< 4% @100% Load, < 6% @50% Load	
Output			
Output Voltage		208*/220/230/240 VAC	
AC Voltage Regulation (Batt. Mode)		± 1%	
Frequency Range (Synchronized Range)		46~54 Hz or 56~64 Hz	
Frequency Range (Batt. Mode)		50 Hz ± 0.1 Hz or 60 Hz ± 0.1 Hz	
Current Crest Ratio		3:1 (max.)	
Harmonic Distortion		≤ 1 % THD (Linear Load), ≤ 4 % THD (Non-linear Load)	
Transfer Time	AC Mode to Battery Mode	Zero	
	Inverter to Bypass	Zero	
Waveform (Batt. Mode)		Pure Sinewave	
Overload	AC Mode	100%~110% : 10min ; 110%~130%: 1min ; >130% : 1sec	
	Battery Mode	100%~110% : 30sec ; 110%~130%: 10sec ; >130% : 1sec	
Efficiency			
AC Mode		94%	
Battery Mode		91%	



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## Technical Specifications

Model		E006GER31	E010GER31
Phase		Single Phase In / Single Phase Out	
Capacity		6000 VA / 6000 W	10000 VA / 10000 W
Battery			
Standard Model	Battery Type	12 V / 7 AH	12 V / 9 AH
	Numbers	16	
	Typical Recharge Time	9 Hours Recover to 90% Capacity	
	Charging Current (max.)	1.0 A	
	Charging Voltage	218.4 VDC ± 1%	
Long-run Model	Battery Type	Depending on Applications	
	Numbers	16-20**	
	Charging Current (max.)	4.0 A	
	Charging Voltage	(13.65VDC x Battery Number) ± 1%	
Physical			
Standard Model	Dimension D X W X H (mm)	369 x 190 x 688	442 x 190 x 688
	Net Weight (kgs)	54	66
Long-run Model	Dimension D X W X H (mm)	369 x 190 x 688	442 x 190 x 318
	Net Weight (kgs)	13	16
Environment			
Operation Humidity		20-90 % RH @ 0- 40°C (non-condensing)	
Noise Level		Less than 55dBA @ 1 Meter	Less than 58dB @ 1 Meter
Management			
Smart RS-232 / USB		Supports Windows® 2000/2003/XP/Vista/2008, Windows® 7/8, Linux and MAC	
Optional SNMP		Power management from SNMP manager and web browser	

