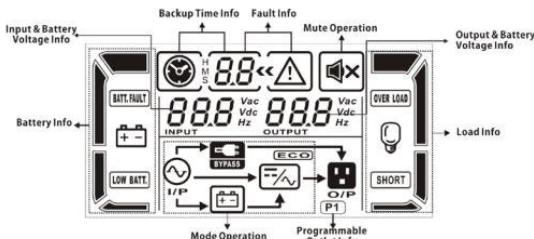


# Galaxy External Rack Mount 6 To 10KVA, Online UPS

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
<b>Input</b>		
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	
<b>Output</b>		
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
<b>Efficiency</b>		
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			
<b>Battery</b>						
Standard Model	Battery Type	12 V / 7 AH	12 V / 9 AH			
	Numbers	16	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%				
<b>Physical</b>						
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			
<b>Environment</b>						
Operation Humidity	20-90 % RH @ 0- 40°C (non-condensing)					
Noise Level	Less than 55dBA @ 1 Meter		Less than 58dB @ 1 Meter			
<b>Management</b>						
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					

