

# Product data sheet

Specifications



## Galaxy VM 225 kVA UPS Parallel 480-480 V, 65kAIC, Start up 5x8

GVMPB225KG65S

### Overview

<b>Presentation</b>	A highly compact, energy efficient, 65kAIC rated 3-phase UPS with parallel capability for data centers, facility and industrial applications.
<b>Lead time</b>	Usually Ships within 2 Weeks

### Main

<b>Main Input Voltage</b>	480 V 3 phase
<b>Main Output Voltage</b>	480 V 3 phase
<b>Kw Rating</b>	202.5 kW
<b>Rated power in VA</b>	225 kVA
<b>Output connector type</b>	Hard Wire 4-wire (3PH + G) 1 Hard Wire 5-wire (3PH + N + G) 1
<b>Battery type</b>	External battery system
<b>Provided equipment</b>	Dust filter Installation guide Seismic compliance Start-Up Service Top and bottom cable entry

### Batteries & Runtime

<b>Included Battery Modules</b>	0
<b>Battery Slots Empty</b>	0
<b>Battery voltage</b>	480V
<b>End of Discharge Battery Voltage</b>	384 V
<b>Maximum short-circuit current</b>	65 kA
<b>End of Discharge Maximum Battery Current</b>	549 A
<b>Overload Operation</b>	60 seconds @ 125% and 30 seconds @ 150%
<b>Battery design life</b>	5...10 year(s)
<b>Battery power in VAh</b>	0 VAh runtime
<b>Battery Life</b>	7...10 year(s)
<b>Battery graph comments</b>	Estimated runtimes based on battery vendor data, at typical environmental conditions, with no electrical input and balanced PF = 0.9 output.
<b>Extendable Run Time</b>	0

## General

<b>Bypass Voltage Tolerance</b>	+/-10% settable from +/-4/6/8 and 10%
<b>Max Bypass Input Current</b>	350 A
<b>Bypass Protection Device</b>	400 A
<b>Redundant</b>	No

## Physical

<b>Color</b>	White
<b>Height</b>	77.56 in (197 cm)
<b>Width</b>	39.45 in (100.2 cm)
<b>Depth</b>	33.62 in (85.4 cm)
<b>Net Weight</b>	1552.06 lb(US) (704 kg)
<b>USB compatible</b>	No

## Input

<b>Input Frequency</b>	40 - 70 Hz
<b>Number of input connectors</b>	1 Hard Wire 3-wire (3PH + G)
<b>Efficiency at full load</b>	360...576 V adjustable 480 V 360...576 V 480 V
<b>Maximum Input Current per Phase</b>	347 A
<b>Switching current capacity</b>	600 A
<b>Maximum Short Circuit Withstand (Icw)</b>	65 kA
<b>Input Total Harmonic Distortion</b>	Less than 3% for full load
<b>Input protection type</b>	3-pole breaker
<b>Inrush current</b>	200A peak
<b>Load power factor</b>	0.5 leading to 0.5 lagging
<b>Input Power Factor at Full Load</b>	1

## Output

<b>Max Configurable Power (Watts)</b>	202.5 kW
<b>Harmonic distortion</b>	Less than 2%
<b>Output Frequency (sync to mains)</b>	50/60 Hz +/- 1 Hz sync to mains 50/60 Hz +/- 1 Hz not synced
<b>Crest factor</b>	Unlimited
<b>Waveform Type</b>	Sine wave
<b>Output voltage tolerance</b>	+/- 1% static and +/- 3% at 100% load step
<b>Output Voltage THD</b>	< 2% linear load and < 3% non-linear load  10 minutes @ 125% and 60 seconds @ 150%
<b>Neutral Output Current</b>	244 A
<b>Bypass type</b>	Built-in Static Bypass  95.5 % in battery operation)
<b>Maximum configurable power in VA</b>	225 kVA

## Conformance

Product Certifications	cUL Listed ENERGY STAR V2.0 (USA) FCC part 15 class A UL 1778
Standards	EN/IEC 62040-3 IBC 2012 and CBC2013 to Sds=2.02g OSHPD

## Environmental

Ambient air temperature for operation	32...104 °F (0...40 °C)
Relative Humidity	0...95 %
Operating altitude	0...3333 ft
Ambient Air Temperature for Storage	5...104 °F (-15...40 °C)
Storage Relative Humidity	0...95 %
Storage altitude	0...49212 ft (0.00...14999.82 m)
Acoustic level	65 dBA
Heat dissipation	27670 Btu/h
IP degree of protection	IP20


## Communications & Management

Free slots	2
Control panel	7" touch screen display
Emergency Power Off (EPO)	Optional

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	84.88 in (215.6 cm)
Package 1 Width	41.73 in (106 cm)
Package 1 Length	58.66 in (149 cm)
Package 1 Weight	1642.45 lb(US) (745 kg)

## Offer Sustainability

California proposition 65	WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>
ENERGY STAR®	<a href="#">ENERGY STAR UPS V2.0 (USA)</a> 
EU RoHS Directive	Compliant <a href="#">EU RoHS Declaration</a>
Mercury free	Yes
RoHS exemption information	<a href="#">Yes</a>
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
Circularity Profile	<a href="#">End of Life Information</a>
Optimized Energy Efficiency	Energy efficient product
Take-back	Take-back program available

# Contractual warranty

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Warranty 1 year on-site repair or replace with factory authorized Start-Up

Recommended replacement(s)