

# Product data sheet

Specifications



## Galaxy VM 180 kVA UPS Parallel 480-480 V, 65kAIC, Start up 5x8

GVMPB180KG65S

### 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>	162 kW
<b>Rated power in VA</b>	180 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 Integrated network management 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>	440 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

Bypass Voltage Tolerance	+/-10% settable from +/-4/6/8 and 10%
Max Bypass Input Current	217 A
Bypass Protection Device	400 A
Redundant	No

## Physical

Color	White
Height	77.56 in (197 cm)
Width	39.45 in (100.2 cm)
Depth	33.62 in (85.4 cm)
Net Weight	1497.93 lb(US) (679.45 kg)
USB compatible	No

## Input

Input Frequency	40 - 70 Hz
Number of input connectors	1 Hard Wire 3-wire (3PH + G)
Efficiency at full load	360...576 V adjustable 480 V 360...576 V 480 V
Maximum Input Current per Phase	278 A
Switching current capacity	400 A
Maximum Short Circuit Withstand (Icw)	65 kA
Input Total Harmonic Distortion	Less than 3% for full load
Input protection type	3-pole breaker
Inrush current	200A peak
Load power factor	0.5 leading to 0.5 lagging
Input Power Factor at Full Load	1

## Output

Max Configurable Power (Watts)	162 kW
Harmonic distortion	Less than 2%
Output Frequency (sync to mains)	50/60 Hz +/- 1 Hz sync to mains 50/60 Hz +/- 1 Hz not synced
Crest factor	Unlimited
Waveform Type	Sine wave
Output voltage tolerance	+/- 1% static and +/- 3% at 100% load step
Output Voltage THD	< 2% linear load and < 3% non-linear load  10 minutes @ 125% and 60 seconds @ 150%
Required Output Current Protection	300 A
Neutral Output Current	195 A
Bypass type	Built-in Static Bypass  95.5 % in battery operation)

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Maximum configurable power in VA	180 kVA
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## Conformance

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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 OSHDP

## Environmental

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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	21160 Btu/h
IP degree of protection	IP20

## Communications & Management

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


## Packing Units

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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	1589.34 lb(US) (720.91 kg)

## Offer Sustainability

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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

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**Take-back**

Take-back program available

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**Contractual warranty**

**Warranty**

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

**Recommended replacement(s)**