

# Product data sheet

Specifications



## Galaxy VM 160 kVA Additional UPS for 1+1 480-480 V, 65kAIC, Start up 5x8

GVMRB160KG65S

### Overview

<b>Presentation</b>	Highly compact, energy efficient, redundant 3-phase UPS for data center, 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>	144 kW
<b>Rated power in VA</b>	160 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
<b>Range of Product</b>	Galaxy VM
<b>Range Compatibility</b>	Galaxy VM

### Batteries & Runtime

<b>Efficiency</b>	<a href="#">View Efficiency Graph</a>
<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.

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Extendable Run Time	0
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## General

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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

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color	White
Height	77.6 in (197 cm)
Width	39.4 in (100.2 cm)
Depth	33.6 in (85.4 cm)
Net Weight	1497.93 lb(US) (679.45 kg)
USB compatible	No

## Input

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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 (I <sub>cw</sub> )	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

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Max Configurable Power (Watts)	144 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
Overload Operation	10 minutes @ 125% and 60 seconds @ 150%
Required Output Current Protection	300 A
Neutral Output Current	195 A

Bypass type	Built-in Static Bypass
Efficiency at full load	95.5 % in battery operation)
Maximum configurable power in VA	160 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 OSHDP

## 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 (0.000000000...14999.8 m)
acoustic level	65 dBA
Online Thermal Dissipation	21160 Btu/h
IP degree of protection	IP20

## Communications & Management

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

## Ordering and shipping details

GTIN	731304326519
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## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	84.9 in (215.6 cm)
Package 1 Width	41.7 in (106 cm)
Package 1 Length	58.7 in (149 cm)
Package 1 Weight	1589.34 lb(US) (720.91 kg)

## Contractual warranty

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

**Green Premium™** label is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO<sub>2</sub> products.

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Energy Efficient Take-back Transparency

## Resource performance

✓ Energy Efficient Product

✓ Take-Back Program Available

## Well-being performance

✓ Rohs Exemption Information [Yes](#)

## Environmental Certifications

✓ Energy Star® ENERGY STAR UPS V2.0 (USA)

**Eu Rohs Directive** Compliant with Exemptions

**China Rohs Regulation** [China RoHS declaration](#)  
Product out of China RoHS scope. Substance declaration for your information.

**Environmental Disclosure** [Product Environmental Profile](#)

**Circularity Profile** [End of Life Information](#)

**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 [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)"

Image of product / Alternate images

Alternative

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