

# Product data sheet

Specifications



## Galaxy VM 160 kVA UPS Single 480-480 V, 65kAIC, Start up 5x8

GVMSB160KG65S

### Overview

<b>Presentation</b>	A highly compact, energy efficient, 65kAIC rated 3-phase UPS 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>	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.

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

Extendable Run Time	0
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## 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	77.6 in (197 cm)
Width	39.4 in (100.2 cm)
Depth	33.6 in (85.4 cm)
Net Weight	1494.80 lb(US) (678.03 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 (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

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

<b>Bypass type</b>	Built-in Static Bypass
<b>Efficiency at full load</b>	95.5 % in battery operation)
<b>Maximum configurable power in VA</b>	160 kVA

## Conformance

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

## Environmental

<b>Ambient Air Temperature for Operation</b>	32...104 °F (0...40 °C)
<b>Relative Humidity</b>	0...95 %
<b>Operating altitude</b>	0...3333 ft
<b>Ambient Air Temperature for Storage</b>	5...104 °F (-15...40 °C)
<b>Storage Relative Humidity</b>	0...95 %
<b>Storage altitude</b>	0...49212 ft (0.000000000...14999.8 m)
<b>acoustic level</b>	65 dBA
<b>Online Thermal Dissipation</b>	21160 Btu/h
<b>IP degree of protection</b>	IP20

## Communications & Management

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

## Ordering and shipping details

<b>GTIN</b>	731304746577
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## Packing Units

<b>Unit Type of Package 1</b>	PCE
<b>Number of Units in Package 1</b>	1
<b>Package 1 Height</b>	84.9 in (215.6 cm)
<b>Package 1 Width</b>	41.7 in (106 cm)
<b>Package 1 Length</b>	58.7 in (149 cm)
<b>Package 1 Weight</b>	1586.007 lb(US) (719.4 kg)

## Contractual warranty

<b>Warranty</b>	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.

**Guide to assessing product sustainability** is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

[Learn more about Green Premium >](#)

[Guide to assess a product's sustainability >](#)



Energy Efficient Take-back Transparency

## Resource performance

✓ Energy Efficient Product

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✓ Take-Back Program Available

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## Well-being performance

✓ Mercury Free

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✓ Rohs Exemption Information [Yes](#)

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## Environmental Certifications

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

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Eu Rohs Directive Compliant with Exemptions

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Environmental Disclosure [Product Environmental Profile](#)

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Circularity Profile [End of Life Information](#)

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

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Image of product / Alternate images

Alternative

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