

# Product data sheet

Specifications



## Galaxy VM 160 kVA UPS Single 480-208 V, 65kAIC, Start up 5x8

GVMS160KGF65S


### Overview

Presentation	A highly compact, energy efficient 3-phase UPS with an integrated 480-208 volt transformer for data center, facility and industrial applications.
Lead Time	Usually Ships within 2 Weeks

### Main

Main Input Voltage	480 V 3 phases
Main Output Voltage	208 V 3 phases
Rated Power In W	144 kW
Rated Power In Va	160 kVA
Output Connector Type	Hard wire 4-wire (3P + E) 1 Hard wire 5-wire (3P + N + E) 1
Battery Type	External battery system
Provided Equipment	Dust filter Installation guide Integrated network management Seismic compliance Start-up service Top and bottom cable entry

### Batteries & Runtime

Efficiency	<a href="#">View Efficiency Graph</a> 
Number Of Battery Filled Slots	0
Number Of Battery Free Slots	0
Battery Voltage	480 V
Discharge Battery Voltage	384 V
Maximum Short-Circuit Current	65 kA
Max Current Discharge	440 A
Battery Overload Operation	60 seconds at 125% and 30 seconds at 150%
Battery Design Life	5...10 year(s)
Battery Power In Vah	0 VAh runtime
Battery Life	7...10 year(s)
Battery Graph Comments	Estimated runtimes based on battery vendor data, at typical environmental conditions, with no electrical input and balanced PF = 0.9 output.
Extended Runtime	0

### General

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

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

## Physical

Colour	White
Height	197 cm
Width	180.2 cm
Depth	85.4 cm
Net Weight	1875.6 kg
Usb Compatible	No

## Input

Network Frequency	40...70 Hz
Number Of Input Connectors	1 hard wire 3-wire (3P + E)
Input Voltage Limits	360...576 V adjustable 480 V 360...576 V 480 V
Maximum Input Current	278 A
Switching Current Capacity	400 A
Max Short Time Withstand Current	65 kA
Input Harmonic Distortion	Less than 3 % for full load
Input Protection Type	3-pole circuit breaker
Inrush Current	200 A peak
Load Power Factor	0.5 leading to 0.5 lagging
Input Power Factor At Full Load	1

## Output

Maximum Configurable Power In W	144 kW
Harmonic Distortion	Less than 2 %
Output Frequency	50/60 Hz +/- 1 Hz sync to mains 50/60 Hz +/- 1 Hz unsynchronised
Crest Factor	Unlimited
Wave Type	Sine wave
Output Voltage Tolerance	+/- 1% static and +/- 3% at 100% load step
Output Harmonic Distortion	< 2% linear load and < 3% non-linear load
Output Overload Operation	10 minutes at 125% and 60 seconds at 150%
Required Output Current Protection	445 A
Neutral Output Current	195 A
Bypass Type	Built-in static bypass
Efficiency	95.5 % (in battery operation)
Maximum Configurable Power In Va	160 kVA

## Conformance

Product Certifications	cUL listed FCC part 15 class A FCC part 15 class B UL 1778
Standards	EN/IEC 62040-3 IBC 2012 and CBC2013 to Sds=2.02g OSHDP

## Environmental

Ambient Air Temperature For Operation	0...40 °C
Relative Humidity	0...95 %
Operating Altitude	0...3333 ft
Ambient Air Temperature For Storage	-15...40 °C
Storage Relative Humidity	0...95 %
Storage Altitude	0.00...14999.82 m
Acoustic Level	65 dBA
Heat Dissipation	10919 Btu/h
Ip Degree Of Protection	IP20

## Communications & Management

Free Slots	2
Control Panel	7" touch screen display
Emergency Power Off	Optional

## Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	215.6 cm
Package 1 Width	106 cm
Package 1 Length	203.2 cm
Package 1 Weight	1920.96 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.

**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   RoHS/REACH

## Resource performance

✓ Energy Efficient Product

✓ Take-Back Program Available

## Well-being performance

✓ Rohs Exemption Information   [Yes](#)

## Certifications & Standards

Reach Regulation	<a href="#">REACH Declaration</a>
Eu Rohs Directive	Compliant with Exemptions
China Rohs Regulation	<a href="#">China RoHS declaration</a> Product out of China RoHS scope. Substance declaration for your information
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
Circularity Profile	<a href="#">End of Life Information</a>
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>