

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 phase
Main Output Voltage	208 V 3 phase
Kw Rating	144 kW
Rated power in VA	160 kVA
Output connector type	Hard Wire 4-wire (3PH + G) 1 Hard Wire 5-wire (3PH + N + G) 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
Range of Product	Galaxy VM
Range Compatibility	Galaxy VM

Batteries & Runtime

Efficiency	View Efficiency Graph
Included Battery Modules	0
Battery Slots Empty	0
Battery Voltage	480V
End of Discharge Battery Voltage	384 V
maximum short-circuit current	65 kA
End of Discharge Maximum Battery Current	440 A
Overload Operation	60 second @ 125% and 30 seconds @ 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.

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	70.9 in (180.2 cm)
Depth	33.6 in (85.4 cm)
Net Weight	4135.0 lb(US) (1875.6 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 _{cw})	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	445 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 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	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	10919 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	731304326540
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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	80.0000000000 in (203.2 cm)
Package 1 Weight	4235.00 lb(US) (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-CO₂ products.

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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 [REACH Declaration](#)

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"

Image of product / Alternate images

Alternative

