

Product data sheet

Specifications



Galaxy VM 180 kVA UPS Single 480-208 V, 65kAIC, Start up 5x8

GVMS180KGF65S

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	162 kW
Rated Power In Va	180 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	Installation guide Start-up service

Batteries & Runtime

Efficiency	View Efficiency Graph
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

Bypass Voltage Tolerance	+/- 10 % settable from +/- 4/6/8 and 10 %
Max Bypass Input Current	217 A

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 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	162 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	500 A
Neutral Output Current	195 A
Bypass Type	Built-in static bypass
Efficiency	95.5 % (in battery operation)
Maximum Configurable Power In Va	180 kVA

Conformance

Product Certifications	cUL listed 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	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	12284 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-CO₂ 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	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