

Product datasheet

Specifications



Galaxy VM 160 kVA UPS Single 400-400 V with Backfeed protection, Start up 5x8

GVMSB160KHS

Overview

Presentation	Highly compact, energy efficient 3-phase UPS for data center, facility and industrial applications. to be used with external battery cabinets. Please click here for additional runtime information.
Lead Time	Usually Ships within 2 Weeks

Main

Main Input Voltage	400 V 3 phases
Main Output Voltage	400 V 3 phases
Other Output Voltage	380 V 415 V
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	Built-in modbus protocol adapter Dust filter Installation guide Integrated network management Seismic compliance Top and bottom cable entry

Batteries & Runtime

Efficiency	View Efficiency Graph
Number Of Battery Filled Slots	0
Battery Voltage	480 V
Discharge Battery Voltage	384 V
Max Current Discharge	314 A
Battery Power In Vah	0 VAh runtime
Extended Runtime	0

General

Bypass Voltage Tolerance	+/- 10 % settable from +/- 4/6/8 and 10 %
Max Bypass Input Current	231 A
Bypass Current Protection	400 A
Redundant	No

Physical

Colour	White
Height	197 cm
Width	105.2 cm
Depth	85.4 cm
Net Weight	699 kg
Usb Compatible	No

Input

Network Frequency	40...70 Hz
Number Of Input Connectors	1 hard wire 3-wire (3P + E)
Input Voltage Limits	250...600 V adjustable 320...456 V 380 V 320...480 V 400 V 320...498 V 415 V
Maximum Input Current	262 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	GL fuse
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	400 A
Neutral Output Current	231 A
Bypass Type	Built-in static bypass
Maximum Configurable Power In Va	160 kVA

Conformance

Product Certifications	C-Tick CE RCM
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Standards	EN/IEC 62040-1 EN/IEC 62040-2 EN/IEC 62040-3 IBC 2012 and CBC2013 to Sds=2.02g ISTA 2B OSHPD UL 1778 VFI-SS-111
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Environmental

Ambient Air Temperature For Operation	0...40 °C
Relative Humidity	0...95 %
Operating Altitude	0...3333 ft
Ambient Air Temperature For Storage	-25...55 °C
Storage Relative Humidity	0...95 %
Storage Altitude	0.00...14999.82 m
Acoustic Level	65 dBA
Heat Dissipation	19650 Btu/h
Ip Degree Of Protection	IP20

Communications & Management

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

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	215.6 cm
Package 1 Width	105.2 cm
Package 1 Length	149 cm
Package 1 Weight	744.5 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

Resource performance

✓ Energy Efficient Product

✓ Take-Back Program Available

Well-being performance

✓ Mercury Free

✓ Rohs Exemption Information [Yes](#)

Eu Rohs Directive [Compliant with Exemptions](#)

Environmental Disclosure [Product Environmental Profile](#)

Circularity Profile [End of Life Information](#)
