

Product data sheet

Specifications



Galaxy VM 225 kVA UPS Single 480-480 V, 65kAIC, Start up 5x8

GVMSB225KG65S

Overview

Presentation	A highly compact, energy efficient, 65kAIC rated 3-phase UPS for data centers, facility and industrial applications.
Lead time	Usually Ships within 2 Weeks

Main

Main Input Voltage	480 V 3 phases
Main Output Voltage	480 V 3 phases
Rated power in W	202.5 kW
Rated power in VA	225 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
Range of product	Galaxy VM
Range compatibility	Galaxy VM

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	549 A
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

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

General

Bypass voltage tolerance	+/- 10 % settable from +/- 4/6/8 and 10 %
Max bypass input current	350 A
Bypass current protection	400 A
Redundant	No

Physical

Colour	White
Height	197 cm
Width	100.2 cm
Depth	85.4 cm
Net weight	704 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	347 A
Switching current capacity	600 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	202.5 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%
Neutral output current	244 A
Bypass type	Built-in static bypass
Efficiency	95.5 % (in battery operation)
Maximum configurable power in VA	225 kVA

Conformance

Product certifications	cUL listed ENERGY STAR V2.0 (USA) 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	0.0000000000...14999.8 m
Acoustic level	65 dBA
Heat dissipation	27670 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	149 cm
Package 1 Weight	745 kg

Contractual warranty

Warranty	1 year on-site repair or replace with factory authorized Start-Up
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Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.


[Environmental Data explained >](#)

[How we assess product sustainability >](#)

Environmental footprint	
Environmental Disclosure	Product Environmental Profile

Use Better

Materials and Substances	
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	No
EU RoHS Directive	Compliant with Exemptions
REACH Regulation	REACH Declaration
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

Energy efficiency	
Optimized Energy Efficiency	Energy efficient product
 ENERGY STAR®	ENERGY STAR UPS V2.0 (USA)

Use Again

Repack and remanufacture	
Circularity Profile	End of Life Information
Take-back	Yes