

# Product data sheet

Specifications



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

GVMPB160KHS

### Overview

Presentation	Highly compact, energy efficient 3-phase UPS for data center, facility and industrial applications. to be used with external battery cabinets. Please <a href="#">click here</a> for additional runtime information.
Lead time	Usually Ships within 2 Weeks

### Main

Main Input Voltage	400 V 3 phases
Other Input Voltage	380 V 415 V
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	<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
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

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	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 ETL RCM
Standards	EN/IEC 62040-1 EN/IEC 62040-2 EN/IEC 62040-3 IBC 2012 and CBC2013 to Sds=2.02g OSHDP UL 1778 VFI-SS-111

## 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	0.0000000000...14999.8 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	106 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-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.

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[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>