

# Product datasheet

Specifications



## Galaxy VM 200 kVA UPS Parallel 400-400 V with Backfeed protection, Start up 5x8

GVMPB200KHS

! Discontinued on: 20 June 2023

! To be end-of-service on: 20 June 2023

! Discontinued - Service only

### Overview

<b>Presentation</b>	Highly compact, energy efficient 3-phase UPS for data center, facility and industrial applications. To be used with external battery cabinets.
<b>Lead time</b>	Usually Ships within 2 Weeks

### Main

<b>Main Input Voltage</b>	400 V 3 phases
<b>Other Input Voltage</b>	380 V 415 V
<b>Main Output Voltage</b>	400 V 3 phases
<b>Other Output Voltage</b>	380 V 415 V
<b>Rated power in W</b>	180 kW
<b>Rated power in VA</b>	200 kVA
<b>Output connector type</b>	Hard wire 4-wire (3P + E) 1 Hard wire 5-wire (3P + N + E) 1
<b>Battery type</b>	External battery system
<b>Provided equipment</b>	Built-in modbus protocol adapter Dust filter Installation guide Integrated network management Seismic compliance Top and bottom cable entry

### Batteries & Runtime

<b>Battery voltage</b>	480 V
<b>Discharge battery voltage</b>	384 V
<b>Max current discharge</b>	393 A
<b>Battery power in VAh</b>	0 VAh runtime
<b>Extended runtime</b>	0

### General

<b>Bypass voltage tolerance</b>	+/- 10 % settable from +/- 4/6/8 and 10 %
<b>Max bypass input current</b>	289 A
<b>Bypass current protection</b>	400 A

Redundant	No
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## Physical

Colour	White
Height	197 cm
Width	105.2 cm
Depth	85.4 cm
Product weight	724 kg
USB compatible	No

## Input

Network frequency	40...70 Hz
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	328 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	180 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	289 A
Bypass type	Built-in static bypass
Maximum configurable power in VA	200 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 ISTA 2B

## 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	24570 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	770 kg

## Offer Sustainability

EU RoHS Directive	Compliant <a href="#">EU RoHS Declaration</a>
Mercury free	Yes
RoHS exemption information	<a href="#">Yes</a>
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
Circularity Profile	<a href="#">End of Life Information</a>
Optimized Energy Efficiency	Energy efficient product
Take-back	Take-back program available

## Contractual warranty

Warranty	1 year on-site repair or replace with factory authorized Start-Up
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## Recommended replacement(s)