Product datasheet

Specifications

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

GVMSB200KHS

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
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	180 kW
Rated power in VA	200 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

Number of battery filled slots	0
Battery voltage	480 V
Discharge battery voltage	384 V
Max current discharge	393 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	289 A

Bypass current protection	400 A
Redundant	No

Physical

Colour	White
Height	197 cm
Width	105.2 cm
Depth	85.4 cm
Net 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 RCM
Standards	EN/IEC 62040-1 EN/IEC 62040-2 EN/IEC 62040-3 IBC 2012 and CBC2013 to Sds=2.02g

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ISTA 2B
OSHPD
UL 1778

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 EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End of Life Information
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

Recommended replacement(s)