

Product data sheet

Specifications



MGE Galaxy 300 20kVA 400V 3:3 with 10min Battery, Start-up 5x8

G3HT20KHB1S

⚠ Discontinued on: Jan 6, 2022

⚠ To be end-of-service on: Dec 31, 2029

⚠ Discontinued - Service only

Overview

Presentation	Effective three phase power protection against downtime and data loss for mission critical applications. Ruggedized version including dust filter and conformance coated boards for harsh environments.
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	16000 W
Rated Power In Va	20000 VA
Output Connector Type	Hard wire 5-wire (3P + N + E) 1
Battery Type	Lead-acid battery
Provided Equipment	CD with software Installation guide Network management card Start-up service User manual

Batteries & Runtime

Efficiency	View Efficiency Graph
Number Of Battery Filled Slots	0
Number Of Battery Free Slots	0
Additional Information	Configurable for 380 : 400 or 415 V 3 Phase nominal output voltage
Battery Voltage	+/- 192 V (split battery referenced to neutral)
Discharge Battery Voltage	+/- 154 V
Battery Power In Vah	0 VAh runtime
Extended Runtime	0

General

Number Of Power Module Free Slots	0
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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

Number Of Power Module Filled Slots	0
Redundant	No

Physical

Height	130 cm
Width	40 cm
Depth	95 cm
Net Weight	305 kg
Mounting Preference	No preference
Usb Compatible	No

Input

Network Frequency	45...65 Hz
Number Of Input Connectors	1 hard wire 5-wire (3P + N + E)
Input Voltage Limits	323...437 V adjustable 380 V 340...460 V adjustable 400 V 357...477 V adjustable 415 V 340...477 V
Maximum Input Current	30 A
Switching Current Capacity	63 A
Input Harmonic Distortion	Less than 5 % for full load
Input Protection Type	GL fuse
Inrush Current	200 A peak
Load Power Factor	0.5 leading to 0.5 lagging

Output

Maximum Configurable Power In W	16000 W
Harmonic Distortion	Less than 5 %
Output Frequency	50/60 Hz +/- 5 % sync to mains 60 Hz +/- 0.1 % for 60 Hz nominal unsynchronised 50 Hz +/- 0.1 % for 50 Hz nominal unsynchronised
Crest Factor	2.5 : 1
Wave Type	Sine wave
Output Voltage Tolerance	+/- 2% static and 100% load step
Output Harmonic Distortion	< 3% linear load and < 5% non-linear load
Required Output Current Protection	63 A
Bypass Type	Built-in maintenance bypass
Maximum Output Current	43 A
Maximum Configurable Power In Va	20000 VA

Conformance

Product Certifications	CE TÜV
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Standards	EN/IEC 62040-1-1 EN/IEC 62040-2 EN/IEC 62040-3 IEC 61000-4-5 IEC 62040-2 VFI-SS-111
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Environmental

Ambient Air Temperature For Operation	0...35 °C
Relative Humidity	0...95 %
Operating Altitude	0...10000 ft
Ambient Air Temperature For Storage	-10...60 °C
Storage Relative Humidity	0...95 %
Storage Altitude	0.00...9144.00 m
Acoustic Level	54.5 dBA
Heat Dissipation	1260 Btu/h
Ip Degree Of Protection	IP20

Communications & Management

Preinstalled Device	Network management card
Control Panel	Multifunction LCD status and control console
Emergency Power Off	Yes

Packing Units

Package 1 Height	144 cm
Package 1 Width	80 cm
Package 1 Length	96.5 cm
Package 1 Weight	330 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- 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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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 Not compliant

Environmental Disclosure [Product Environmental Profile](#)

Circularity Profile [End of Life Information](#)