Product data sheet

Specifications

MGE Galaxy 300 30kVA 400V 3:3 with 10min Battery, Start-up 5x8

G3HT30KHB1S

ⓘ **Discontinued on:** Apr 29, 2024

ⓘ **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	24000 W
Rated power in VA	30000 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 overload operation	60 seconds at 120% and 30 seconds at 145%
Battery power in VAH	0 VAh runtime
Battery life	3…5 year(s)
Extended runtime	0

General

Number of power module free slots	0
Number of power module filled slots	0
Redundant	No

Physical

Height	130 cm
Width	50 cm
Depth	95 cm
net weight	446 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	47 A
Switching current capacity	125 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
Input Power Factor at Full Load	0.99

Output

Maximum configurable power in W	24000 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
Output overload operation	60 seconds at 120% and 30 seconds at 145%
Required output current protection	125 A
Maximum output current	65 A
Maximum configurable power in VA	30000 VA

Conformance

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Product certifications	CE
	TÜV

Standards	EN/IEC 62040-1-1
	EN/IEC 62040-2
	EN/IEC 62040-3
	IEC 61000-4-5
	IEC 62040-2
	VFI-SS-111

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	0.0000000000…9144.0000000000 m
Acoustic level	54.5 dBA
heat dissipation	1804 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

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	143.993 cm
Package 1 Width	80.01 cm
Package 1 Length	96.495 cm
Package 1 Weight	470.829 kg

Contractual warranty

Warranty	1 year on-site repair or replace with factory authorized Start-Up

Sustainability

Green Premium^{TM} 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_2 products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

Learn more about Green Premium 〉

Guide to assess a product's sustainability 〉

Energy Efficient   Take-back   Transparency

Resource performance

✅ Energy Efficient Product

✅ Take-Back Program Available

Well-being performance

✅ Mercury Free

Eu Rohs Directive	Not compliant
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End of Life Information