

# Product data sheet

Specifications



## MGE Galaxy 300 60kVA 400V 3:3 with 10min Battery, Start-up 5x8

G3HT60KHB2S

⚠ 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	54000 W
Rated power in VA	60000 VA
Output connector type	Hard wire 5-wire (3P + N + E) 1
Battery type	Lead-acid battery
Provided equipment	CD with software Dust filter Installation guide Network management card Start-up service User manual

### Batteries & Runtime

Efficiency	<a href="#">View Efficiency Graph</a>
Number of battery filled slots	0
Number of battery free slots	0
Additional information	KW/kVA = 0.9 PF with ambient temp up to 25°C. kW/kVA = 0.8 PF with ambient temp above 25°C
Battery voltage	+/- 192 V (split battery referenced to neutral)
Discharge battery voltage	+/- 154 V
Battery power in VAh	0 VAh runtime
Battery life	3...5 year(s)
Extended runtime	0

### General

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 wiring configuration	5 wire (3P + N + E)
Number of power module free slots	0
Number of power module filled slots	0
Redundant	No

## Physical

Height	190 cm
Width	70 cm
Depth	95 cm
net weight	735 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	228 A
Switching current capacity	160 A
Max short time withstand current	16 kA
Input harmonic distortion	Less than 5 % for full load
Input protection type	3-pole circuit breaker
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	54000 W
Harmonic distortion	Less than 5 %
Output frequency	50/60 Hz +/- 5 % sync to mains 50/60 Hz +/- 1 Hz unsynchronised
Crest factor	3 : 1
Output voltage tolerance	+/- 2% static and 100% load step
Output harmonic distortion	< 3% linear load and < 5% non-linear load
Output overload operation	10 minutes at 125% and 30 seconds at 150%
Required output current protection	160 A
Neutral output current	87 A
Bypass type	Built-in static bypass
Maximum configurable power in VA	60000 VA

## Conformance

Product certifications	CE EAC
Standards	EN/IEC 62040-1 EN/IEC 62040-2 EN/IEC 62040-3 ISTA 2B IEC 62040-4

## Environmental

Ambient air temperature for operation	0...40 °C
Relative humidity	0...95 %
Operating altitude	0...3000 ft
Ambient air temperature for storage	-15...40 °C
Storage Relative Humidity	0...95 %
Storage altitude	0.0000000000...4572.0000000000 m
Acoustic level	65 dBA
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	197.8 cm
Package 1 Width	112 cm
Package 1 Length	82.4 cm
Package 1 Weight	755 kg

## Contractual warranty

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

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**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

Eu Rohs Directive

Will be compliant – Date to be confirmed

Environmental Disclosure

[Product Environmental Profile](#)

Circularity Profile

[End of Life Information](#)