

G3HT40KHLS

MGE Galaxy 300 40kVA 400V 3:3 with Long Backup Charger, Start-up 5x8



⚠ Discontinued - Service only

Commercial status

Discontinued on: 23 January 2021

To be end-of-service on: 31 December 2029

G3HT40KHLS has not been replaced. Please contact your customer care centre for more information.

Overview

Presentation	Effective three phase power protection against downtime and data loss for mission critical applications. UPS with long backup charger, supplied without batteries. To be used with external batteries. Please click here for additional runtime information
Lead time	Usually Ships within 2 Weeks

General

Provided equipment	CD with software Installation guide Network management card Start-up service User manual
Number of power module free slots	0
Number of power module filled slots	0
Redundant	No
UPS size	WS

Physical

Depth	95 cm
Height	130 cm
Mounting preference	No preference
Product weight	200 kg
Mounting mode	Not rack-mountable
Two post mountable	0
USB compatible	No
Width	50 cm

Input

Network frequency	45...65 Hz
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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
Inputvolt_other	380 V 415 V
Maximum input current	60 A
Switching current capacity	125 A
Input harmonic distortion	Less than 5 % for full load
Input protection type	GL fuse
Input voltage	400 V 3 phases
Inrush current	200 A peak
Load power factor	0.5 leading to 0.5 lagging
Cos phi	0.99

Output

Rated power in W	32000 W
Maximum configurable power in W	32000 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
Output voltage	380 V 415 V
Crest factor	2.5 : 1
UPS type	Double conversion online
Wave type	Sine wave
Output connector type	Hard wire 5-wire (3P + N + E) 1
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
Curve equation	Efficiency
Curve fixed loss	0.0122
Curve load maximum	100 %
Curve load minimum	2 %
Curve proportional loss	0.0369
Curve square loss	0.0285
Curve X-axis maximum	100 %
Curve test cond ID	Curve fit to measured efficiency data. All measurements taken in normal operating mode, at typical environmental conditions, with nominal electrical input and balanced PF = 0.8 output.
Curve X-axis minimum	0 %
Curve X-axis title	Load
Curve X-axis units	Percentage
Curve Y-axis maximum	100 %
Curve Y-axis minimum	50 %
Curve Y-axis title	Efficiency
Curve Y-axis units	Percentage
Graph display	1
Maximum output current	87 A
Output voltage	400 V 3 phases
Maximum configurable power in VA	40000 VA
Rated power in VA	40000 VA

Conformance

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	0.00...9144.00 m
Acoustic level	53.6 dBA
Heat dissipation	2479 Btu/h
Show note OP temperature	No
IP degree of protection	IP20

Batteries & Runtime

Battery type	External battery system
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
Liquid value	0
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 curve	B
Battery power in VAh	0 VAh runtime
Battery life	3...5 year(s)
Extended runtime	0

Communications & Management

Preinstalled device	Network management card
Control panel	Multifunction LCD status and control console
Emergency power off	Yes

Packing Units

Package 1 Weight	226 kg
Package 1 Height	144 cm
Package 1 width	80 cm
Package 1 Length	96.5 cm

Offer Sustainability

EU RoHS Directive	Will be compliant – Date to be confirmed
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
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