

# Product data sheet

Specifications



## MGE Galaxy 3500 40kVA 400V 3:1 with 4 Battery Modules, Start-up 5X8

G35T40K3I4B4S

⚠ Discontinued - Service only

⚠ Discontinued on: Jul 5, 2021

⚠ To be end-of-service on: Dec 31, 2030

### Overview

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	230 V
Other Output Voltage	220 V 240 V
Rated Power In W	32000 W
Rated Power In Va	40000 VA
Output Connector Type	Hard wire 3-wire (H N + E) 1
Connections - Terminals	1 screw terminals
Battery Type	Lead-acid battery
Provided Equipment	Battery modules ship installed Bolt down brackets CD with software Installation guide Network management card Power modules ship installed Smart UPS signalling RS-232 cable Start-up service User manual

### Batteries & Runtime

Run Time	<a href="#">View Runtime Graph</a>
Efficiency	<a href="#">View Efficiency Graph</a>
Number Of Battery Filled Slots	4
Number Of Battery Free Slots	0
Battery Recharge Time	5 h
Additional Information	Configurable for 220 : 230 or 240 nominal output voltage
Battery Voltage	+/- 192 V (split battery referenced to neutral)
Discharge Battery Voltage	+/- 154 V
Battery Overload Operation	10 minutes at 125% and 60 seconds at 150%
Battery Charger Power	1985 W rated

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

Battery Power In Vah	9943 VAh runtime
Battery Life	3...5 year(s)
Battery Option	G35TBXR6B6 1 24609 VAh G35TBXR6B6 2 39152 VAh G35TBXR6B6 3 54017 VAh G35TBXR6B6 4 68749 VAh
Battery Graph Comments	Estimated runtimes based on battery vendor data, at typical environmental conditions, with no electrical input and balanced PF = 0.8 output.
Extended Runtime	0

## General

Number Of Power Module Free Slots	0
Number Of Power Module Filled Slots	0
Redundant	No

## Physical

Height	149.1 cm
Width	52.3 cm
Depth	83.8 cm
Net Weight	656 kg
Mounting Preference	No preference
Usb Compatible	No

## Input

Network Frequency	40...70 Hz auto-sensing
Number Of Input Connectors	1 hard wire 5-wire (3P + N + E)
Input Voltage Limits	340...460 V adjustable 400 V 304...477 V
Maximum Input Current	54 A
Switching Current Capacity	63 A
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	0.98

## Output

Maximum Configurable Power In W	32000 W
Harmonic Distortion	Less than 5 %
Output Frequency	47...53 Hz for 50 Hz nominal sync to mains 50 Hz +/- 0.1 % for 50 Hz nominal unsynchronised
Crest Factor	Unlimited
Wave Type	Sine wave
Output Voltage Tolerance	+/- 1% static and +/- 5% at 100% load step

Output Harmonic Distortion	< 2% for 0 to 100% linear load and < 5% for full non-linear load
Output Overload Operation	10 minutes at 125% and 60 seconds at 150%
Required Output Current Protection	200 A
Bypass Type	Built-in maintenance bypass Built-in static bypass
Efficiency	94.9 % (in battery operation)
Maximum Configurable Power In Va	40000 VA

## Conformance

Product Certifications	CE
Standards	EN 50091-2 EN/IEC 62040-3 EN/IEC 62040-1-1 IEC 61000-3-2 IEC 61000-3-3 ISO 14001 ISO 9001 VFI-SS-111

## Environmental

Ambient Air Temperature For Operation	0...40 °C
Relative Humidity	0...95 %
Operating Altitude	0...3333 ft
Ambient Air Temperature For Storage	-50...40 °C
Storage Relative Humidity	0...95 %
Storage Altitude	0.00...15240.00 m
Acoustic Level	55 dBA
Heat Dissipation	4367 Btu/h
Ip Degree Of Protection	IP51

## Communications & Management

Preinstalled Device	Network management card 2 with environmental monitoring
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## Packing Units

Package 1 Height	164.3 cm
Package 1 Width	65 cm
Package 1 Length	106.2 cm
Package 1 Weight	686 kg

## Contractual warranty

Warranty	1 year repair or replace
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# Sustainability

**Green Premium™ label** 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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Eu Rohs Directive

Pro-active compliance (Product out of EU RoHS legal scope)

[EU RoHS Declaration](#)

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