

Product data sheet

Specifications



MGE Galaxy 3500 10kVA 208V with 1 Battery Module Expandable to 2, Start-up 5X8

G35T10KF1B2S

⚠ Discontinued on: Jul 5, 2021

⚠ End-of-service on: Oct 18, 2023

⚠ Discontinued

Overview

Lead Time	Usually Ships within 2 Weeks
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Main

Main Input Voltage	208 V 3 phase
Main Output Voltage	208 V 3 phase
Other Output Voltage	220 V
Kw Rating	8000 W
Rated Power In Va	10000 VA
Output Connector Type	Hard Wire 4-wire (3PH + G) 1 Hard Wire 5-wire (3PH + N + G) 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	View Runtime Graph
Efficiency	View Efficiency Graph
Included Battery Modules	1
Battery Slots Empty	1
Typical Recharge Time	5 h
Rbc Quantity	1
Additional Information	Configurable for 200 : 208 or 220V 3 Phase nominal output voltage
Battery Voltage	+/-192 V (split battery referenced to neutral)
End Of Discharge Battery Voltage	+/-154 V
End Of Discharge Maximum Battery Current	83 A
Overload Operation	10 minutes @ 125% and 60 seconds @ 150%

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

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 Charge Power (Watts)	505 W rated
Battery Power In Vah	2530 VAh runtime
Battery Life	3...5 year(s)
Battery Graph Comments	Estimated runtimes based on battery vendor data, at typical environmental conditions, with no electrical input and balanced PF = 0.8 output.
Extendable Run Time	0

General

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

Physical

Height	58.70 in (149.1 cm)
Width	14.02 in (35.6 cm)
Depth	32.99 in (83.8 cm)
Net Weight	672.52 lb(US) (305.05 kg)
Mounting Preference	No preference
Usb Compatible	No

Input

Input Frequency	40 - 70 Hz auto-sensing
Number Of Input Connectors	1 Hard Wire 5-wire (3PH + N + G)
Efficiency At Full Load	160...240 V
Maximum Input Current Per Phase	27 A
Switching Current Capacity	35 A
Input Total Harmonic Distortion	Less than 5% for full load
Input Protection Type	3-pole breaker
Inrush Current	200A peak
Load Power Factor	0.5 leading to 0.5 lagging
Input Power Factor At Full Load	0.98

Output

Max Configurable Power (Watts)	8000 W
Harmonic Distortion	Less than 5%
Output Frequency (Sync To Mains)	60 Hz +/- 0.1 % for 60 Hz nominal not synced
Crest Factor	Unlimited
Wave Type	Sine wave
Output Voltage Tolerance	+/- 5% static and 100% load step
Output Voltage Thd	< 2% for 0 to 100% linear load and < 5% for full non-linear load
Overload Operation	10 minutes @ 125% and 60 seconds @ 150%
Required Output Current Protection	35 A

Bypass Type	Built-in Maintenance Bypass Built-in Static Bypass
Efficiency At Full Load	94.3 % in battery operation)
Maximum Configurable Power In Va	10000 VA

Conformance

Product Certifications	cUL Listed CSA UL 1778
Standards	CSA C22.2 No. 107.1 ISO 14001 ISO 9001

Environmental

Ambient Air Temperature For Operation	32...104 °F (0...40 °C)
Relative Humidity	0...95 %
Operating Altitude	0...3333 ft
Ambient Air Temperature For Storage	5...113 °F (-15...45 °C)
Storage Relative Humidity	0...95 %
Storage Altitude	0...50000 ft (0.00...15240.00 m)
Acoustic Level	51.3 dBA
Heat Dissipation	1938 Btu/h
Nema Degree Of Protection	NEMA 12
Ip Degree Of Protection	IP51

Communications & Management

Free Slots	0
Pre-Installed Smartslot™ Cards	Network management card 2 with environmental monitoring
Control Panel	Multi-function LCD status and control console
Emergency Power Off (Epo)	Yes

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	64.69 in (164.3 cm)
Package 1 Width	41.81 in (106.2 cm)
Package 1 Length	25.59 in (65 cm)
Package 1 Weight	740.58 lb(US) (335.92 kg)

Contractual warranty

Warranty	1 year repair or replace
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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-CO₂ 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 >](#)

Well-being performance

 Mercury Free

Eu Rohs Directive	Not applicable, out of EU RoHS legal scope
California Proposition 65	WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov