

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

Main

Main Input Voltage	208 V 3 phases
Main Output Voltage	208 V 3 phases
Other Output Voltage	220 V
Rated power in W	8000 W
Rated power in VA	10000 VA
Output connector type	Hard wire 4-wire (3P + E) 1 Hard wire 5-wire (3P + 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	View Runtime Graph
Efficiency	View Efficiency Graph
Number of battery filled slots	1
Number of battery free slots	1
Battery recharge time	5 h
Number of battery replacement quantity	1
Additional information	Configurable for 200 : 208 or 220V 3 Phase nominal output voltage
Battery voltage	+/- 192 V (split battery referenced to neutral)
Discharge battery voltage	+/- 154 V
Max current discharge	83 A
Battery overload operation	10 minutes at 125% and 60 seconds at 150%

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 charger power	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.
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	35.6 cm
Depth	83.8 cm
net weight	305.05 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	160...240 V
Maximum input current	27 A
Switching current capacity	35 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	8000 W
Harmonic distortion	Less than 5 %
Output frequency	60 Hz +/- 0.1 % for 60 Hz nominal unsynchronised
Crest factor	Unlimited
Wave type	Sine wave
Output voltage tolerance	+/- 5% static and 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	35 A

Bypass type	Built-in maintenance bypass Built-in static bypass
Efficiency	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	0...40 °C
Relative humidity	0...95 %
Operating altitude	0...3333 ft
Ambient air temperature for storage	-15...45 °C
Storage Relative Humidity	0...95 %
Storage altitude	0.0000000000...15240.0000000000 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
Preinstalled device	Network management card 2 with environmental monitoring
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	164.3 cm
Package 1 Width	106.2 cm
Package 1 Length	65 cm
Package 1 Weight	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