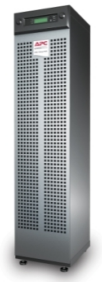
Product data sheet

Specifications



MGE Galaxy 3500 10kVA 400V with 2 Battery Modules, Start-up 5X8

G35T10KH2B2S

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	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	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	2
Number of battery free slots	0
Battery recharge time	5 h
Number of battery replacement quantity	2
Additional information	Configurable for 380 : 400 or 415 V 3 Phase nominal output voltage
Battery voltage	+/- 192 V (split battery referenced to neutral)
Discharge battery voltage	+/- 154 V

Overcurrent protection	109.7 A
Max current discharge	109.7 A
Battery overload operation	10 minutes at 125% and 60 seconds at 150%
Battery charger power	995 W rated
Battery power in VAH	4983 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	35.2 cm
Depth	83.8 cm
net weight	306 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	14 A
Switching current capacity	16 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	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	16 A
Bypass type	Built-in maintenance bypass Built-in static bypass
Efficiency	94.1 % (in battery operation)
Maximum configurable power in VA	10000 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	-15…45 °C
Storage Relative Humidity	0…95 %
Storage altitude	0.0000000000…15240.0000000000 m
Acoustic level	51.3 dBA
heat dissipation	1501 Btu/h
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	336 kg

Contractual warranty

Warranty	1 year repair or replace

Sustainability

Green Premium^{TM} 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-CO_2 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 ›

Eu Rohs Directive	Not applicable, out of EU RoHS legal scope