

# Product data sheet

Specifications



## MGE Galaxy 3500 20kVA 208V with 3 Battery Modules Expandable to 4, Start-up 5X8

G35T20KF3B4S

⚠ 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	208 V 3 phases
Main Output Voltage	208 V 3 phases
Rated Power In W	16000 W
Rated Power In Va	20000 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

Efficiency	<a href="#">View Efficiency Graph</a>
Number Of Battery Filled Slots	3
Number Of Battery Free Slots	1
Battery Recharge Time	5 h
Number Of Battery Replacement Quantity	3
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
Battery Charger Power	1473 W rated
Battery Power In Vah	7378 VAh runtime
Battery Life	3...5 year(s)

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 Option	SYBT4 1 9849 VAh G35TBXR6B6 1 21899 VAh G35TBXR6B6 2 36622 VAh G35TBXR6B6 3 51388 VAh G35TBXR6B6 4 66518 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	536.82 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
Load Power Factor	0.5 leading to 0.5 lagging
Input Power Factor At Full Load	0.98

## Output

Maximum Configurable Power In W	16000 W
Harmonic Distortion	Less than 3 %
Output Frequency	57...63 Hz for 60 Hz nominal sync to mains 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% linear load and < 4% non-linear load
Bypass Type	Built-in maintenance bypass Built-in static bypass
Maximum Configurable Power In Va	20000 VA

## Conformance

Product Certifications	cUL listed CSA UL 1778
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Standards	CSA C22.2 No 107.1 ISO 14001 ISO 9001
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## 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	0.00...15240.00 m
Acoustic Level	55 dBA
Heat Dissipation	4238 Btu/h
Nema Degree Of Protection	NEMA 12
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	567.73 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- 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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## Well-being performance

 Mercury Free

 Rohs Exemption Information Yes

Eu Rohs Directive	Under investigation
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**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](http://www.P65Warnings.ca.gov)