Product data sheet
Characteristics

G35T15KF3B4S
MGE Galaxy 3500 15kVA 208V with 3 Battery Modules Expandable to 4, Start-up 5X8

To be discontinued

Commercial status

Discontinued on: 14 January 2021

To be end-of-service on: 31 December 2030

Overview

Lead time	Usually Ships within 2 Weeks

General

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
Performance multiplier	1
Number of power module free slots	0
Number of power module filled slots	0
Redundant	No
UPS size	WS
Value multiplier	1

Physical

Depth	83.8 cm
Height	149.1 cm
Mounting preference	No preference
Net weight	506.82 kg
Mounting mode	Not rack-mountable
Two post mountable	0
USB compatible	No
Width	52.3 cm

Input

Network frequency	40...70 Hz auto-sensing
Number of input connectors	1 hard wire 5-wire (3P + N + E)

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Input voltage limits	160...240 V
Input voltage	208 V 3 phases
Load power factor	0.5 leading to 0.5 lagging
Cos phi	0.98

Output

Rated power in W	12000 W
Maximum configurable power in W	12000 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
UPS type	Double conversion online
Wave type	Sine wave
Connections - terminals	1 screw terminals
Output connector type	Hard wire 4-wire (3P + E) 1 Hard wire 5-wire (3P + N + E) 1
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
Curve equation	Efficiency
Curve fixed loss	0.018
Curve load maximum	100 %
Curve load minimum	2 %
Curve proportional loss	0.0253
Curve square loss	0.0321
Curve X-axis maximum	100 %
Curve test cond ID	Curve fit to measured efficiency data. All measurements taken in normal operating mode, at typical environmental conditions, with nominal electrical input and balanced PF = 0.8 output.
Curve X-axis minimum	0 %
Curve X-axis title	Load
Curve X-axis units	Percentage
Curve Y-axis maximum	100 %
Curve Y-axis minimum	50 %
Curve Y-axis title	Efficiency
Curve Y-axis units	Percentage
Graph display	1
Output voltage	208 V 3 phases
Maximum configurable power in VA	15000 VA
Rated power in VA	15000 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

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Ambient air temperature for storage	-15…45 °C
Storage altitude	0.00…15240.00 m
Acoustic level	51.3 dBA
Heat dissipation	2989 Btu/h
Show note OP temperature	No
NEMA degree of protection	NEMA 12
IP degree of protection	IP51

Batteries & Runtime

Battery type	Lead-acid battery
Number of battery filled slots	3
Number of battery free slots	0
Battery recharge time	5 h
Additional information	Configurable for 200 : 208 or 220V 3 Phase nominal output voltage
Liquid value	0
Battery voltage	+/- 192 V (split battery referenced to neutral)
Discharge battery voltage	+/- 154 V
Battery curve	B
Battery charger power	1461 W rated
Battery power in VAH	7321 VAh runtime
Battery life	3…5 year(s)
Battery option	SYBT4 1 9704 VAh G35TBXR6B6 1 21849 VAh G35TBXR6B6 2 36705 VAh G35TBXR6B6 3 51736 VAh G35TBXR6B6 4 66891 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

Communications & Management

Preinstalled device	Network management card 2 with environmental monitoring

Packing Units

Package 1 Weight	537.73 kg
Package 1 Height	164.3 cm
Package 1 width	65 cm
Package 1 Length	106.2 cm

Offer Sustainability

EU RoHS Directive	Under investigation
Mercury free	Yes
RoHS exemption information	Yes

Contractual warranty

Warranty	1 year repair or replace