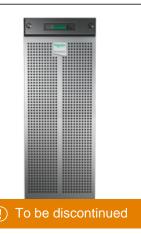
Product data sheet Characteristics

G35T10KH4B4S

MGE Galaxy 3500 10kVA 400V with 4 Battery Modules, Start-up 5X8



Commercial status

Discontinued on: 14 January 2021

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

Overview

Provided equipment

Lead time	Usually Ships within 2 Weeks	
General		

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

Start-up service User manual

Performance multiplier 1

 Number of tare power
 300 W

 Number of power module free slots
 0

 Number of power module filled slots
 0

 Redundant
 No

UPS size WS
Value multiplier 1

Physical

y		
Depth	83.8 cm	
Height	149.1 cm	
Mounting preference	No preference	
Net weight	627 kg	
Mounting mode	Not rack-mountable	
Two post mountable	0	
USB compatible	No	
Width	52.3 cm	

Input

Network f	4070 Hz auto-sensing

or reliability of these products for specific user applications

Number of input connectors	1 hard wire 5-wire (3P + N + E)
Input voltage limits	340460 V adjustable 400 V 304477 V
Inputvolt_other	380 V 415 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
Input voltage	400 V 3 phases
Inrush current	200 A peak
Load power factor	0.5 leading to 0.5 lagging
Cos phi	0.98

Output

Output	
Rated power in W	8000 W
Maximum configurable power in W	8000 W
Harmonic distortion	Less than 5 %
Output frequency	4753 Hz for 50 Hz nominal sync to mains 50 Hz +/- 0.1 % for 50 Hz nominal unsynchronised
Outputvolt_other	380 V 415 V
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% 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
Curve equation	Efficiency
Curve fixed loss	0.0123
Curve load maximum	100 %
Curve load minimum	2 %
Curve proportional loss	0.0211
Curve square loss	0.0205
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
Efficiency	94.1 % (in battery operation)
Graph display	1
Output voltage	400 V 3 phases
Maximum configurable power in VA	10000 VA

Rated 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

Ziivii Giiiii Giitai	
Ambient air temperature for operation	040 °C
Relative humidity	095 %
Operating altitude	03333 ft
Ambient air temperature for storage	-1545 °C
Storage Relative Humidity	095 %
Storage altitude	0.0015240.00 m
Acoustic level	51.3 dBA
Heat dissipation	1501 Btu/h
Show note OP temperature	No
IP degree of protection	IP51

Batteries & Runtime

Battery type	Lead-acid battery
Number of battery filled slots	4
Number of battery free slots	0
Battery recharge time	5 h
Number of battery replacement quantity	4
Additional information	Configurable for 380 : 400 or 415 V 3 Phase nominal output voltage
Liquid value	0
Battery voltage	+/- 192 V (split battery referenced to neutral)
Discharge battery voltage	+/- 154 V
Max current discharge	109.7 A
Battery overload operation	10 minutes at 125% and 60 seconds at 150%
Battery curve	В
Battery charger power	1976 W rated
Battery power in VAH	9899 VAh runtime
Battery life	35 year(s)
Battery option	G35TBXR6B6 1 24609 VAh G35TBXR6B6 2 39728 VAh G35TBXR6B6 4 70375 VAh G35TBXR6B6 3 54929 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

Free slots	0	
Preinstalled device	Network management card 2 with environmental monitoring	
Control panel	Multifunction LCD status and control console	
Alarm	Alarm when on battery : distinctive low battery alarm : configurable delays	

Emergency power off	Yes	
Packing Units		
Package 1 Weight	657 kg	
Package 1 Height	164.3 cm	
Package 1 width	65 cm	
Package 1 Length	106.2 cm	
Offer Sustainability		
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration	
Contractual warranty		
Warranty	1 year repair or replace	