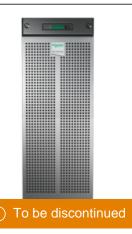
Product data sheet Characteristics

G35T20KF4B4S

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



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

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

,		3
Depth	83.8 cm	.9
Height	149.1 cm	
Mounting preference	No preference	
Net weight	629.09 kg	
Mounting mode	Not rack-mountable	
Two post mountable	0	
USB compatible	No	
Width	52.3 cm	

Input

Network frequency	4070 Hz auto-sensing
Number of input connectors	1 hard wire 5-wire (3P + N + E)

Input voltage limits	160240 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	16000 W
Maximum configurable power in W	16000 W
Harmonic distortion	Less than 3 %
Output frequency	5763 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	0.0272
Curve load maximum	100 %
Curve load minimum	3 %
Curve proportional loss	0.0121
Curve square loss	0.0314
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	20000 VA
Rated power in VA	20000 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	040 °C
Relative humidity	095 %
Operating altitude	03333 ft

Ambient air temperature for storage	-1545 °C
Storage altitude	0.0015240.00 m
Acoustic level	55 dBA
Heat dissipation	4238 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	4	
Number of battery free slots	0	
Battery recharge time	5 h	
Number of battery replacement quantity	4	
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	В	
Battery charger power	1966 W rated	
Battery power in VAH	9849 VAh runtime	
Battery life	35 year(s)	
Battery option	G35TBXR6B6 1 24322 VAh G35TBXR6B6 2 39064 VAh G35TBXR6B6 3 53835 VAh G35TBXR6B6 4 68981 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	660 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