ComX Computers
Product Specification Sheet

G35T20KF4B4S

MGE Galaxy 3500 20kVA 208V 3phase UPS with 4 Battery Modules

Product Overview

MGE Galaxy 3500 20kVA 208V with 4 Battery Modules, Start-up 5X8, 208V 3Phase input - 208V 3Phase output, 1452.00(lbs) 660.00(kilos), 64.70x 25.60x 41.80(in) 164.30x 65.00x 106.20(cent)



Specifications

Features:

Availability

Dual mains input
Increases availability by allowing the UPS to be connected to two separate power sources.

Hot-swappable batteries
Ensures clean, uninterrupted power to protected equipment while batteries are being replaced

Parallel-capacity capable
Increases total power capacity by using multiple uninterruptible power supplies simultaneously.

Advanced electrical features
Excellent power conditioning, very low harmonic distortion through IGBT rectifier, input power factor correction, and high power efficiency

Frequency and voltage regulation
Gives higher application availability by correcting poor frequency and voltage conditions without using the battery.

Automatic internal bypass
Supplies utility power to the connected loads in the event of a UPS power overload or fault.

Generator compatible
Ensures clean, uninterrupted power to protected equipment when generator power is used.

Serviceability

Front-access servicing
Simplifies installation and UPS maintenance while minimizing space requirements.

User-replaceable air filters
Enables quick and simple replacement of air filters.

Battery replacement without tools
Enables fast battery replacement, lowering Mean Time to Repair (MTTR).

Multiple levels of service
With the option of packages or individual service components, our services are structured to allow you to pick and choose what you would like APC to do for you.

7x24 telephone technical support
Our experienced technical support engineers are available to answer your questions, giving you peace of mind knowing the help you need is there when you need it.

Manageability

Built-in Web/SNMP management
Full-featured management via a Web browser as well as comprehensive management from a Network Management System.

Environmental monitoring
Prevent equipment failure from a full range of threatening environmental conditions.

LCD graphics display
Text and mimic diagrams that display modes of operation, system parameters and alarms.

Audible alarms
Provides notification of changing utility power and UPS power conditions

Total Cost of Ownership

Input power factor correction
Minimizes installation costs by enabling the use of smaller generators and cabling.

Excellent footprint
Small UPS footprint provides maximum usage of valuable electrical room floorspace

Temperature-compensated battery charging
Prolongs battery life by regulating the charge voltage according to battery temperature.

Specifications:

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Specifications	
Product Code	G35T20KF4B4S
Output	

Output Power Capacity	16 kW / 20 kVA
Max Configurable Power	16 kW / 20 kVA
Nominal Output Voltage	208V 3PH
Output Voltage Note	Configurable for 200 : 208 or 220V 3 Phase nominal output voltage
Efficiency at Full Load	0.934
Output Voltage Distortion	Less than 3%
Output Frequency (sync to mains)	57 - 63 Hz for 60 Hz nominal
Crest Factor	Unlimited
Topology	Double Conversion Online
Waveform Type	Sine wave
Output Connections	(1) Hard Wire 4-wire (3PH + G)
	(1) Hard Wire 5-wire (3PH + N + G)
	(1) Screw Terminals
Output Voltage Tolerance	+/- 5% static and 100% load step
Output Voltage THD	< 2% linear load and
Efficiency at Half Load	0.922
Bypass	Built-in Maintenance Bypass, Built-in Static Bypass
Input	
Nominal Input Voltage	208V 3PH
Input Frequency	40 - 70 Hz (auto sensing)
Input Connections	Hard Wire 5-wire (3PH + N + G)
Input voltage range for main operations	160 - 240V
Batteries & Runtime	
Battery Type	Maintenance-free sealed Lead-Acid battery with suspended electrolyte : leakproof
Included Battery Modules	4
Typical recharge time	5 hour(s)
RBC Quantity	4
Nominal Battery Voltage	+/-192 V (split battery referenced to neutral)
End of Discharge Battery Voltage	+/-154 V
Extended Run Options	MGE Galaxy 3500 20kVA 208V with 4 Battery Modules, Start-up 5X8
Communications & Management	
Interface Port(s)	DB-9 RS-232, G35T
Pre-Installed SmartSlot Cards	AP9631
Physical	
Maximum Height	1491.00 mm
Maximum Width	523.00 mm

Maximum Depth	838.00 mm
Net Weight	629.09 KG
Shipping Weight	660.00 KG
Shipping Height	1643.00 mm
Shipping Width	650.00 mm
Shipping Depth	1062.00 mm
Environmental	
Operating Environment	0 - 40 degreesC
Operating Relative Humidity	0 - 95%
Operating Elevation	0-999.9 meters
Storage Temperature	-15 - 45 degreesC
Storage Relative Humidity	0 - 95%
Storage Elevation	0-15000 meters
Audible noise at 1 meter from surface of unit	55.00 dBA
Online Thermal Dissipation	4238.00 BTU/hr
Protection Class	NEMA 12, IP 51
Conformance	
Regulatory Approvals	cUL Listed, CSA, CSA C22.2 No. 107.1, ISO 14001, ISO 9001, UL 1778

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page:
https://www.comx-computers.co.za/G35T20KF4B4S-MGE-Galaxy-3500-20kVA-208V-3phase-UPS-with-4-Battery-Modules-p-123844.php

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