ComX Computers
Product Specification Sheet

G35T30KH4B4S

APC MGE Galaxy 3500 30kVA 400V with 4 Battery Modules

Product Overview

APC MGE Galaxy 3500 30kVA 400V with 4 Battery Modules, Start-up 5X8



Specifications

Features:

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 UPSs simultaneously.

Advanced electrical features
Excellent power conditioning, very low harmonic distortion through IGBT rectifier, input power factor correction, and high 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 overload condition or fault.

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

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

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

Battery replacement without tools
Allows quick, easy battery replacement.

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.

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 conditions

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	G35T30KH4B4S
Output	
Output Power Capacity	24 kW / 30 kVA
Max Configurable Power	24 kW / 30 kVA
Nominal Output Voltage	400V 3PH
Output Voltage Note	Configurable for 380 : 400 or 415 V 3 Phase nominal output voltage
Efficiency at Full Load	0.958
Output Voltage Distortion	Less than 5%
Output Frequency (sync to mains)	47 - 53 Hz for 50 Hz nominal, 60 Hz
Other Output Voltages	380415
Crest Factor	Unlimited
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	+/-1% static and +/- 5% at 100% load step
Output Voltage THD	< 2% for 0 to 100% linear load and < 5% for full n
Overload Operation	10 minutes @ 125% and 60 seconds @ 150%
Efficiency at Half Load	0.95
Required Output Current Protection	50A
Bypass	Built-in Maintenance Bypass, Built-in Static Bypass
Input	
Nominal Input Voltage	400V 3PH
Input Frequency	40 - 70 Hz (auto sensing)
Input Connections	Hard Wire 5-wire (3PH + N + G)
Input voltage range for main operations	304 - 477V
Input voltage adjustable range for mains operation	340 - 460 (400V)V
Other Input Voltages	380415
Maximum Input Current	43A
Input Breaker Capacity	50.0 A
Input Total Harmonic Distortion	Less than 5% for full load
Type of Input Protection Required	3-pole breaker
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
Efficiency in Battery Operation	0.95
End of Discharge Maximum Battery Current	109
Overload Operation	10 minutes @ 125% and 60 seconds @ 150%
Extended Run Options	MGE Galaxy 3500 30kVA 400V with 4 Battery Modules, Start-up 5X8
Communications & Management	
Interface Port(s)	DB-9 RS-232, G35T
Pre-Installed SmartSlot Cards	AP9631
Control panel	Multi-function LCD status and control console
Audible Alarm	Alarm when on battery : distinctive low battery alarm : configurable delays

Emergency Power Off (EPO)	Yes
Physical	
Maximum Height	1491.00 mm
Maximum Width	523.00 mm
Maximum Depth	838.00 mm
Net Weight	662.00 KG
Shipping Weight	692.00 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	3685.00 BTU/hr
Protection Class	IP 51
Conformance	
Regulatory Approvals	CE, 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

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/G35T30KH4B4S-APC-MGE-Galaxy-3500-30kVA-400V-with-4-Battery-Modules-p-101174.php

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