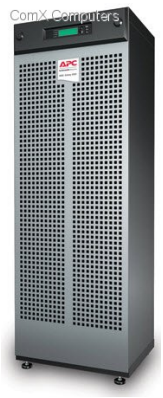
**ComX Computers**
Product Specification Sheet

# G35T40KH4B4S

APC MGE Galaxy 3500 40kVA 400V with 4 Battery Modules

## Product Overview

APC MGE Galaxy 3500 40kVA 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:**

© 2014 Respective owners and brand holders. This table has been carefully researched and generated by ComXpert International CC (http://www.comx.co.za), however, errors and omissions may occur. Only references to South Africa apply. All products are sourced in South Africa from the official suppliers and the warranty is that of the local supplier. E&OE. This table and our site's content may be used on condition that this notice and link remains intact and unaltered.

| Specifications | |
|---|---|
| **Product Code** | G35T40KH4B4S |
| **Output** | |
| **Output Power Capacity** | 32 kW / 40 kVA |
| **Max Configurable Power** | 32 kW / 40 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 |
| **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** | 63A |
| **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** | 54A |
| **Input Breaker Capacity** | 63.0 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) |
| **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 40kVA 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** | 4367.00 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/G35T40KH4B4S-APC-MGE-Galaxy-3500-40kVA-400V-with-4-Battery-Modules-p-101176.php**

*Images and specifications are provided for reference and are subject to change without notice. E&OE.*

Terms of Use: https://www.comx-computers.co.za/terms-of-use.php
Terms of Sale: https://www.comx-computers.co.za/terms-of-sale.php

PDF generated: 2026-11-14 03:28:11.

This PDF was generated automatically and may include content prepared or assisted by automated or AI-based systems. While reasonable care is taken to ensure accuracy, errors or omissions may occur.

For the most current and accurate product information, please refer to the product information available on our website. If any specification or other information differs from information published elsewhere, please confirm the details with us before relying on the information or making a purchasing decision.

If you identify an error or discrepancy, please report it to us so that we may investigate and correct it where necessary.