# Product data sheet

Specifications

## MGE Galaxy 3500 15kVA 400V, Start-Up 5X8

G35T15KHS

⚠ Discontinued on: Jul 5, 2021

⚠ End-of-service on: Oct 18, 2023

⚠ **Discontinued**

## Overview

| | |
|---|---|
| **Presentation** | UPS is supplied without batteries. To be used with either external third party battery system, or with internal long life modular batteries (SYBTH4). |
| **Lead time** | Usually Ships within 2 Weeks |

## Main

| | |
|---|---|
| **Main Input Voltage** | 400 V 3 phases |
| **Other Input Voltage** | 380 V<br>415 V |
| **Main Output Voltage** | 400 V 3 phases |
| **Other Output Voltage** | 380 V<br>415 V |
| **Rated power in W** | 12000 W |
| **Rated power in VA** | 15000 VA |
| **Output connector type** | Hard wire 4-wire (3P + E) 1<br>Hard wire 5-wire (3P + N + E) 1 |
| **Connections - terminals** | 1 screw terminals |
| **Battery type** | External third-party batteries (not supplied) |
| **Provided equipment** | Bolt down brackets<br>CD with software<br>Installation guide<br>Network management card<br>Power modules ship installed<br>Smart UPS signalling RS-232 cable<br>Start-up service<br>User manual |

## Batteries & Runtime

| | |
|---|---|
| **Run Time** | View Runtime Graph ↗ |
| **Efficiency** | View Efficiency Graph ↗ |
| **Number of battery filled slots** | 0 |
| **Number of battery free slots** | 0 |
| **Additional information** | Configurable for 380 : 400 or 415 V 3 Phase nominal output voltage |
| **Battery overload operation** | 10 minutes at 125% and 60 seconds at 150% |
| **Battery power in VAH** | 0 VAh runtime |
| **Battery graph comments** | Estimated runtimes based on battery vendor data, at typical environmental conditions, with no electrical input and balanced PF = 0.8 output. |

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|---|---|
| Extended runtime | 0 |

## General

| | |
|---|---|
| Number of power module free slots | 0 |
| Number of power module filled slots | 0 |
| Redundant | No |

## Physical

| | |
|---|---|
| Height | 149.1 cm |
| Width | 52.3 cm |
| Depth | 83.8 cm |
| net weight | 259 kg |
| Mounting preference | No preference |
| USB compatible | No |

## Input

| | |
|---|---|
| Network frequency | 40...70 Hz auto-sensing |
| Number of input connectors | 1 hard wire 5-wire (3P + N + E) |
| Input voltage limits | 340...460 V adjustable 400 V<br>304...477 V |
| Maximum input current | 20 A |
| Switching current capacity | 25 A |
| Input harmonic distortion | Less than 5 % for full load |
| Input protection type | 3-pole circuit breaker |
| Inrush current | 200 A peak |
| Load power factor | 0.5 leading to 0.5 lagging |
| Input Power Factor at Full Load | 0.98 |

## Output

| | |
|---|---|
| Maximum configurable power in W | 12000 W |
| Harmonic distortion | Less than 5 % |
| Output frequency | 47...53 Hz for 50 Hz nominal sync to mains<br>50 Hz +/- 0.1 % for 50 Hz nominal unsynchronised |
| Crest factor | Unlimited |
| Wave type | Sine wave |
| 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 | 25 A |
| Bypass type | Built-in maintenance bypass<br>Built-in static bypass |
| Maximum configurable power in VA | 15000 VA |

# Conformance

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|---|---|
| **Product certifications** | CE |
| **Standards** | EN 50091-2<br>EN/IEC 62040-3<br>EN/IEC 62040-1-1<br>IEC 61000-3-2<br>IEC 61000-3-3<br>ISO 14001<br>ISO 9001<br>VFI-SS-111 |

# Environmental

| | |
|---|---|
| **Ambient air temperature for operation** | 0…40 °C |
| **Relative humidity** | 0…95 % |
| **Operating altitude** | 0...3333 ft |
| **Ambient air temperature for storage** | -15…45 °C |
| **Storage Relative Humidity** | 0…95 % |
| **Storage altitude** | 0.0000000000…15240.0000000000 m |
| **Acoustic level** | 51.3 dBA |
| **heat dissipation** | 1842 Btu/h |
| **IP degree of protection** | IP51 |

# Communications & Management

| | |
|---|---|
| **Preinstalled device** | Network management card 2 with environmental monitoring |

# Packing Units

| | |
|---|---|
| **Unit Type of Package 1** | PCE |
| **Number of Units in Package 1** | 1 |
| **Package 1 Height** | 164.3 cm |
| **Package 1 Width** | 106.2 cm |
| **Package 1 Length** | 65 cm |
| **Package 1 Weight** | 290 kg |

# Contractual warranty

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|---|---|
| **Warranty** | 1 year repair or replace |

## Sustainability

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|---|---|
| **Eu Rohs Directive** | Not applicable, out of EU RoHS legal scope |