

Product data sheet

Specifications



MGE Galaxy 5500 40kVA 400V Single UPS, Start-up 5x8

G55TUPSU40HINS

⚠ Discontinued on: Jul 5, 2021

⚠ End-of-service on: Oct 18, 2023

⚠ Discontinued

Overview

| | |
|--------------|--|
| Presentation | A versatile 3-phase UPS for facility, industrial and data center applications. Configurable system with a comprehensive range of accessories to meet your application demands. |
| Lead time | Usually Ships within 2 Weeks |

Main

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|-----------------------|--|
| Main Input Voltage | 400 V 3 phases |
| Other Input Voltage | 380 V 415 V |
| Main Output Voltage | 400 V 3 phases |
| Other Output Voltage | 380 V 415 V |
| Rated power in W | 36000 W |
| Rated power in VA | 40000 VA |
| Output connector type | Hard wire 4-wire (3P + E) 1 |
| Battery type | External battery system |
| Provided equipment | Installation guide Network management card Start-up service User manual |

Batteries & Runtime

| | |
|--------------------------------|--|
| 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 power in VAh | 0 VAh runtime |
| Extended runtime | 0 |

General

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|-------------------------------------|---|
| Bypass voltage tolerance | +/- 10 % settable from +/- 4/6/8 and 10 % |
| Max bypass input current | 58 A |
| Number of power module free slots | 0 |
| Number of power module filled slots | 0 |

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

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|-----------|----|
| Redundant | No |
|-----------|----|

Physical

| | |
|---------------------|---------------|
| Height | 190 cm |
| Width | 71.2 cm |
| Depth | 85.5 cm |
| net weight | 400 kg |
| Mounting preference | No preference |
| USB compatible | No |

Input

| | |
|----------------------------------|---|
| Network frequency | 45...65 Hz |
| Number of input connectors | 1 hard wire 4-wire (3P + E) 1 hard wire 4-wire (3P + N) |
| Input voltage limits | 323...437 V 380 V 340...460 V 400 V 353...477 V 415 V |
| Maximum input current | 77 A |
| Switching current capacity | 125 A |
| Max short time withstand current | 20 kA |
| Input harmonic distortion | Less than 5 % for full load |
| Input protection type | GL fuse |
| Load power factor | 0.9 |
| Input Power Factor at Full Load | 1 |

Output

| | |
|------------------------------------|--|
| Maximum configurable power in W | 36000 W |
| Harmonic distortion | Less than 2 % |
| Output frequency | 50/60 Hz +/- 3 Hz user adjustable +/- 0.1 Hz sync to mains 50 Hz +/- 0.1 % for 50 Hz nominal unsynchronised |
| Crest factor | 3 : 1 |
| Wave type | Sine wave |
| Output voltage tolerance | +/- 1% static and +/- 5% at 100% load step |
| Output harmonic distortion | < 1% linear load and < 2.5% non-linear load |
| Output overload operation | 10 minutes at 125% and 60 seconds at 150% |
| Required output current protection | 58 A |
| Bypass type | Built-in maintenance bypass Built-in static bypass Optional external bypass |
| Maximum output current | 190 A |
| Maximum configurable power in VA | 40000 VA |

Conformance

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|------------------------|---|
| Product certifications | CE TÜV VDE |
| Standards | IEC 62040-1-2 EN/IEC 62040-2 EN/IEC 62040-3 ISO 9001 |

Environmental

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|---------------------------------------|-----------------------------------|
| Ambient air temperature for operation | 0...40 °C |
| Relative humidity | 0...95 % |
| Operating altitude | 0...3333 ft |
| Ambient air temperature for storage | -20...45 °C |
| Storage Relative Humidity | 0...95 % |
| Storage altitude | 0.0000000000...12192.0000000000 m |
| Acoustic level | 55.5 dBA |
| IP degree of protection | IP20 |

Communications & Management

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|---------------------|--|
| Free slots | 2 |
| Preinstalled device | Network management card 2 with environmental monitoring, out of band access and Modbus |
| control panel | Multifunction LCD status and control console |
| Emergency power off | Yes |

Packing Units

| | |
|------------------------------|--------|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Height | 203 cm |
| Package 1 Width | 96 cm |
| Package 1 Length | 98 cm |
| Package 1 Weight | 420 kg |

Contractual warranty

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|----------|--|
| Warranty | 1 year on-site repair or replace with factory authorized Start-Up, 1 year (parts only) |
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Sustainability

Green Premium™ label is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO₂ products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

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| Eu Rohs Directive | Under investigation |
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