

Product data sheet

Specifications



MGE Galaxy 5000 60 kVA

G5TUPS60

⚠ 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 480 V 3 phases 600 V 3 phases |
| Other Input Voltage | 380 V 400 V 415 V |
| Main Output Voltage | 400 V 3 phases 480 V 3 phases 600 V 3 phases |
| Other Output Voltage | 208 V 220 V 380 V 415 V |
| Rated Power In W | 54000 W |
| Rated Power In Va | 60000 VA |
| Output Connector Type | Hard wire 4-wire (3P + E) 1 Hard wire 5-wire (3P + N + E) 1 |
| Battery Type | External battery system |
| Provided Equipment | Installation guide 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

| | |
|--------------------------|---|
| Bypass Voltage Tolerance | +/- 10 % settable from +/- 4/6/8 and 10 % |
|--------------------------|---|

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

| | |
|-------------------------------------|-------|
| Max Bypass Input Current | 101 A |
| Number Of Power Module Free Slots | 0 |
| Number Of Power Module Filled Slots | 0 |
| Redundant | No |

Physical

| | |
|---------------------|---------------|
| Colour | Charcoal |
| Height | 190 cm |
| Width | 71.2 cm |
| Depth | 84.8 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) |
| Input Voltage Limits | 340...460 V 400 V 408...538 V |
| Maximum Input Current | 115 A |
| Switching Current Capacity | 125 A |
| Max Short Time Withstand Current | 20 kA |
| Input Harmonic Distortion | Less than 3 % for full load |
| Input Protection Type | 3-pole circuit breaker |
| Load Power Factor | 0.9 |
| Input Power Factor At Full Load | 1 |

Output

| | |
|------------------------------------|--|
| Maximum Configurable Power In W | 54000 W |
| Harmonic Distortion | Less than 2 % |
| Output Frequency | 50 Hz programmable +/- 0.5 / 1 / 2 / 4 / 6 / 8 % sync to mains 60 Hz +/- 0.1 % for 60 Hz nominal unsynchronised 50 Hz +/- 0.1 % for 50 Hz nominal unsynchronised |
| Crest Factor | 3 : 1 |
| Wave Type | Sine wave |
| Output Voltage Tolerance | +/- 2% static and 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 | 87 A |
| Bypass Type | Internal bypass (automatic and manual) Optional external bypass |
| Maximum Output Current | 240 A |
| Maximum Configurable Power In Va | 60000 VA |

Conformance

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|------------------------|--|
| Product Certifications | cUL listed CE FCC part 15 class A LCIE TÜV UL 1778 VDE |
| Standards | EN/IEC 62040-3 IEC 60950 IEC 61000-3-2 IEC 61000-3-3 IEC 62040-1-2 IEC 62040-2 ISO 14001 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 | 0.00...9144.00 m |
| Acoustic Level | 66 dBA |
| Heat Dissipation | 16720 Btu/h |

Communications & Management

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|---------------------|--|
| Free Slots | 3 |
| Control Panel | Multifunction LCD status and control console |
| Emergency Power Off | Optional |

Packing Units

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|------------------------------|--------|
| 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.

[Learn more about Green Premium >](#)

[Guide to assess a product's sustainability >](#)

| | |
|---------------------------|---|
| Eu Rohs Directive | Not applicable, out of EU RoHS legal scope |
| California Proposition 65 | WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov |