

Product data sheet

Specifications



MGE Galaxy 5500 80kVA 400V Integrated Parallel UPS, Start-up 5x8

G55TUPSM80HS

⚠ 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 | 72000 W |
| Rated Power In Va | 80000 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

| | |
|--------------------------------|--|
| Run Time | View Runtime Graph |
| Number Of Battery Filled Slots | 0 |
| Number Of Battery Free Slots | 0 |
| Battery Recharge Time | 10 h |
| Additional Information | Battery runtimes are estimates only. Configurable for 380 : 400 or 415 V 3 Phase nominal output voltage |
| Battery Voltage | 432 V |
| Battery Power In Vah | 0 VAh runtime |
| Battery Life | 8...10 year(s) |
| Battery Graph Comments | Estimated runtimes based on battery vendor data, at typical environmental conditions, with no electrical input and balanced PF = 0.8 output. |
| Extended Runtime | 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

General

| | |
|-------------------------------------|---|
| Bypass Voltage Tolerance | +/- 10 % settable from +/- 4/6/8 and 10 % |
| Max Bypass Input Current | 115 A |
| Number Of Power Module Free Slots | 0 |
| Number Of Power Module Filled Slots | 0 |
| Redundant | No |

Physical

| | |
|---------------------|---------------|
| Height | 190 cm |
| Width | 71.2 cm |
| Depth | 85 cm |
| Net Weight | 520 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 | 250...470 V adjustable 323...437 V 380 V 340...460 V 400 V 353...477 V 415 V |
| Maximum Input Current | 116 A |
| Switching Current Capacity | 160 A |
| Max Short Time Withstand Current | 30 kA |
| Input Harmonic Distortion | Less than 3 % for full load |
| Input Protection Type | 3-pole circuit breaker |
| Inrush Current | 200 A peak |
| Load Power Factor | 0.9 |
| Input Power Factor At Full Load | 1 |

Output

| | |
|------------------------------------|--|
| Maximum Configurable Power In W | 72000 W |
| Harmonic Distortion | Less than 2 % |
| Output Frequency | 50/60 Hz +/- 3 Hz user adjustable +/- 0.1 Hz sync to mains 50/60 Hz +/- 1 Hz 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 | 63 A |

| | |
|----------------------------------|---|
| Neutral Output Current | 116 A |
| Bypass Type | Built-in maintenance bypass Built-in static bypass Optional external bypass |
| Efficiency | 93.4 % (full load) 93.1 % (half load) |
| Maximum Output Current | 360 A |
| Maximum Configurable Power In Va | 80000 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 | 0.00...12192.00 m |
| Acoustic Level | 61.4 dBA |
| Heat Dissipation | 16587 Btu/h |
| 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 | 540 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

Will be compliant – Date to be confirmed
