

Product data sheet

Specifications



Galaxy VS UPS 50kW 208V, 3 internal 9Ah smart modular battery strings, expandable to 5, Start-up 5x8

GVSUPS50KB5FS

Overview

| | |
|--------------|---|
| Presentation | Highly efficient, easy-to-deploy 50kW, 208V 3-phase UPS that brings best-in-class power protection and low total cost of ownership to edge, small and medium data centers, as well as to critical infrastructure in commercial and industrial applications. Includes 5x8 start-up service and 3 smart modular high capacity battery strings, expandable to 5 strings for extended runtime. See the battery runtime chart for details. |
| Lead Time | Usually Ships within 2 Weeks |

Main

| | |
|----------------------|--|
| Main Input Voltage | 208 V 3 phases |
| Other Input Voltage | 200 V 220 V |
| Main Output Voltage | 208 V 3 phases |
| Other Output Voltage | 200 V 220 V |
| Rated Power In W | 50 kW |
| Rated Power In Va | 50 kVA |
| Battery Type | Internal modular battery VRLA |
| Provided Equipment | Dust filter Installation manual Integrated network management Battery modules ship installed Start-up service EcoStruxure Ready |

Batteries & Runtime

| | |
|---------------------------|---------------------------------------|
| Efficiency | View Efficiency Graph |
| Battery Voltage | 480 V |
| Discharge Battery Voltage | 384 V DC |
| Max Current Discharge | 136 A |
| Battery Power In Vah | 0 VAh runtime |
| Extended Runtime | 0 |

General

| | |
|---------------------------|------------------------------------|
| Redundant | No |
| Product Or Component Type | Uninterruptible power supply (UPS) |

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

Physical

| | |
|----------------|---------|
| Colour | White |
| Height | 197 cm |
| Width | 55 cm |
| Depth | 84.7 cm |
| Net Weight | 680 kg |
| Usb Compatible | No |

Input

| | |
|----------------------------------|--|
| Network Frequency | 40...70 Hz |
| Input Voltage Limits | 177...239 V 208 V |
| Maximum Input Current | 179 A |
| Max Short Time Withstand Current | 65 kA |
| Input Harmonic Distortion | Less than 3 % for full load |
| Load Power Factor | From 0.7 leading to 0.7 lagging without any derating |
| Input Power Factor At Full Load | 0.99 |

Output

| | |
|----------------------------------|--|
| Maximum Configurable Power In W | 50 kW |
| Harmonic Distortion | Less than 5 % |
| Output Frequency | 50 Hz sync to mains 60 Hz sync to mains |
| Crest Factor | 2.5 |
| Wave Type | Sine wave |
| Output Voltage Tolerance | +/-1% after 50ms |
| Output Harmonic Distortion | < 1% linear load and < 5% non-linear load |
| Output Overload Operation | 10 minutes at 125% and 60 seconds at 150% |
| Bypass Type | Built-in static bypass |
| Maximum Configurable Power In Va | 50 kVA |

Conformance

| | |
|-----------|--|
| Standards | CSA C22.2 No 107.3 FCC part 15 class A IEC 62040-1-1 IEC 62040-2 IEC 62040-3 UL 1778 5th edition OSHDP |
|-----------|--|

Environmental

| | |
|---------------------------------------|--------------------------|
| Ambient Air Temperature For Operation | 0...40 °C |
| Relative Humidity | 0...95 % non-condensing |
| Operating Altitude | 0...3300 ft |
| Ambient Air Temperature For Storage | -15...40 °C |
| Storage Relative Humidity | 10...80 % non-condensing |

| | |
|-------------------------|------------------|
| Storage Altitude | 0.00...3048.00 m |
| Acoustic Level | 57 dBA |
| Heat Dissipation | 10339 Btu/h |
| Ip Degree Of Protection | IP20 |

Communications & Management

| | |
|---------------|---------------------------------|
| Control Panel | Touch screen LCD user interface |
|---------------|---------------------------------|

Packing Units

| | |
|------------------------------|---------|
| Unit Type Of Package 1 | PCE |
| Number Of Units In Package 1 | 1 |
| Package 1 Height | 197 cm |
| Package 1 Width | 55 cm |
| Package 1 Length | 84.7 cm |
| Package 1 Weight | 680 kg |

Contractual warranty

| | |
|----------|---|
| Warranty | 1 year on-site repair or replace with factory authorized Start-Up |
|----------|---|

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 >](#)



Energy Efficient Take-back Transparency RoHS/REACH

Resource performance

✓ Energy Efficient Product

✓ Take-Back Program Available

Well-being performance

✓ Mercury Free

✓ Rohs Exemption Information [Yes](#)

Certifications & Standards

Reach Regulation [REACH Declaration](#)

Eu Rohs Directive Compliant with Exemptions

China Rohs Regulation [China RoHS declaration](#)

Environmental Disclosure [Product Environmental Profile](#)

Circularity Profile [End of Life Information](#)