

Product data sheet

Specifications



Galaxy VS UPS 40kW 400V with N+1 power module for external batteries, Start-up 5x8

GVSUPS40KRHS

Overview

| | |
|--------------|---|
| Presentation | Highly efficient, easy-to-deploy 40kW, 400V 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 one additional power module for N+1 redundancy. |
| Lead Time | Usually Ships within 2 Weeks |

Main

| | |
|---------------------|--|
| Main Input Voltage | 400 V 3 phases |
| Other Input Voltage | 380 V 415 V |
| Main Output Voltage | 400 V 3 phases |
| Rated Power In W | 40 kW |
| Rated Power In Va | 40 kVA |
| Battery Type | External battery system Li-Ion (Lithium-Ion) VRLA |
| Provided Equipment | Dust filter EcoStruxure IT ready (UPS) Installation guide Integrated network management Power modules ship installed Start-up service |

Batteries & Runtime

| | |
|---------------------------|----------------|
| Battery Voltage | 384...576 V DC |
| Discharge Battery Voltage | 307 V DC |
| Max Current Discharge | 136 A |

General

| | |
|---------------------------|------------------------------------|
| Bypass Voltage Tolerance | +/- 10 % |
| Redundant | Yes |
| Product Or Component Type | Uninterruptible power supply (UPS) |

Physical

| | |
|--------|----------|
| Colour | White |
| Height | 148.5 cm |
| Width | 52.1 cm |
| Depth | 84.7 cm |

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

| | |
|------------|--------|
| Net Weight | 250 kg |
|------------|--------|

Input

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|----------------------------------|--|
| Network Frequency | 40...70 Hz |
| Input Voltage Limits | 340...460 V 400 V |
| Maximum Input Current | 72 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 |

Output

| | |
|----------------------------------|--|
| Maximum Configurable Power In W | 40 kW |
| Output Frequency | 50 Hz sync to mains 60 Hz sync to mains 50 Hz +/- 0.1 % for 50 Hz nominal unsynchronised 60 Hz +/- 0.1 % for 60 Hz nominal unsynchronised |
| 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 | 40 kVA |

Conformance

| | |
|-----------|---|
| Standards | EN/IEC 62040-1 EN/IEC 62040-2 FCC part 15 class A IEC 60721-4-2 level 2M2 UL 1778 5th edition |
|-----------|---|

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 | -25...55 °C |
| Storage Relative Humidity | 10...80 % non-condensing |
| Acoustic Level | 68 dBA |
| Heat Dissipation | 4333 Btu/h |
| Ip Degree Of Protection | IP21 |

Communications & Management

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

Packing Units

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|------------------------------|--------|
| Unit Type Of Package 1 | PCE |
| Number Of Units In Package 1 | 1 |
| Package 1 Height | 168 cm |
| Package 1 Width | 99 cm |
| Package 1 Length | 64 cm |
| Package 1 Weight | 250 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

✓ 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](#)