

Product data sheet

Specifications



Galaxy VS UPS 10kW 400V, 1 internal 7Ah smart modular battery string, expandable to 2, Start-up 5x8

GVSUPS10KB2HS

Overview

| | |
|--------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Presentation | Highly efficient, easy-to-deploy 10kW, 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 1 smart high-capacity modular battery string, expandable to 2 strings for extended runtime. |
| 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 |
| Other Output Voltage | 380 V 415 V |
| Rated power in W | 10 kW |
| Rated power in VA | 10 kVA |
| Battery type | Internal modular battery VRLA |
| Provided equipment | Battery modules ship installed Dust filter EcoStruxure IT ready (UPS) Installation guide Integrated network management Power modules ship installed Start-up service |

Batteries & Runtime

| | |
|---------------------------|---------------------------------------|
| Efficiency | View Efficiency Graph |
| Battery voltage | 480 V |
| Discharge battery voltage | 384 V DC |
| Max current discharge | 27 A |
| Battery power in VAH | 0 VAh runtime |
| Extended runtime | 0 |

General

| | |
|---------------------------|------------------------------------|
| Bypass voltage tolerance | +/- 10 % |
| 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 | 148.5 cm |
| Width | 33.3 cm |
| Depth | 84.7 cm |
| net weight | 245 kg |
| USB compatible | No |

Input

| | |
|----------------------------------|----------------------------------------------------------------|
| Network frequency | 40...70 Hz |
| Number of input connectors | 1 hard wire 4-wire (3P + E) 1 hard wire 5-wire (3P + N + E) |
| Input voltage limits | 340...460 V 400 V |
| Maximum input current | 18 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 | 10 kW |
| Harmonic distortion | Less than 3 % |
| 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 < 3% 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 | 10 kVA |

Conformance

| | |
|------------------------|-----------------------------------------------------------------------------------------------------|
| Product certifications | FCC part 15 class A UL 1778 5th edition |
| Standards | CSA C22.2 No 107.3 EN/IEC 62040-1 EN/IEC 62040-2 EN/IEC 62040-3 IEC 60721-4-2 level 2M2 |

Environmental

| | |
|---------------------------------------|-------------------------|
| Ambient air temperature for operation | 0...40 °C |
| Relative humidity | 0...95 % non-condensing |
| Operating altitude | 0...3281 ft |

| | |
|-------------------------------------|----------------------------------|
| Ambient air temperature for storage | -15...40 °C |
| Storage Relative Humidity | 10...80 % non-condensing |
| Storage altitude | 0.0000000000...3048.0000000000 m |
| Acoustic level | 55 dBA |
| heat dissipation | 1240 Btu/h |
| IP degree of protection | IP20 |

Communications & Management

| | |
|---------------|---------------------------------|
| Free slots | 1 |
| 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 | 169 cm |
| Package 1 Width | 99 cm |
| Package 1 Length | 64 cm |
| Package 1 Weight | 270 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](#)