

Product datasheet

Specifications



Galaxy VS UPS 30kW 400V, 2 internal 9Ah smart modular battery strings, expandable to 4, Start-up 5x8

GVSUPS30KB4HS

Overview

| | |
|--------------|---|
| Presentation | Highly efficient, easy-to-deploy 30kW, 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 2 smart high-capacity modular battery strings, expandable to 4 strings for extended runtime. Runtime charts available in the Documents tab. |
| 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 | 30 kW |
| Rated Power In Va | 30 kVA |
| Output Connector Type | Hard wire 5-wire (3P + N + E) 1 |
| 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 | 81 A |
| Battery Power In Vah | 0 VAh runtime |
| Extended Runtime | 0 |

General

| | |
|--------------------------|----------|
| Bypass Voltage Tolerance | +/- 10 % |
| Redundant | No |

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 | 52.1 cm |
| Depth | 84.7 cm |
| Net Weight | 460 kg |
| Usb Compatible | No |

Input

| | |
|----------------------------------|--|
| Network Frequency | 40...70 Hz |
| Number Of Input Connectors | 1 hard wire 3-wire (3P + E) 1 hard wire 5-wire (3P + N + E) |
| Input Voltage Limits | 340...460 V 400 V |
| Maximum Input Current | 54 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 | 30 kW |
| Harmonic Distortion | Less than 5 % |
| 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 Overload Operation | 10 minutes at 125% and 60 seconds at 150% |
| Bypass Type | Built-in static bypass |
| Maximum Configurable Power In Va | 30 kVA |

Conformance

| | |
|------------------------|---|
| Product Certifications | 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 | 0...95 % non-condensing |
| Storage Altitude | 0.00...3048.00 m |
| Acoustic Level | 61 dBA |
| Heat Dissipation | 3395 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 | 168 cm |
| Package 1 Width | 99 cm |
| Package 1 Length | 64 cm |
| Package 1 Weight | 490 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 Product out of China RoHS scope. Substance declaration for your information |
| Environmental Disclosure | Product Environmental Profile |
| Circularity Profile | End of Life Information |