

Product datasheet

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

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

General

Bypass voltage tolerance +/- 10 %

Redundant No

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 | 0.00...3048.00 m |
| Acoustic level | 55 dBA |
| Heat dissipation | 1240 Btu/h |
| IP degree of protection | IP20 |

Batteries & Runtime

| | |
|---------------------------|---------------|
| 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 |

Communications & Management

| | |
|---------------|----------------------------------------------------|
| Free slots | 1 |
| Control panel | Touch screen LCD user interface |
| Alarm | Audible and visible alarms prioritized by severity |

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 |

Offer Sustainability

| | |
|-----------------------------|--------------------------------------------------|
| Sustainable offer status | Green Premium product |
| REACH Regulation | REACH Declaration |
| EU RoHS Directive | Compliant EU RoHS Declaration |
| Mercury free | Yes |
| RoHS exemption information | Yes |
| Environmental Disclosure | Product Environmental Profile |
| Circularity Profile | End of Life Information |
| Optimized Energy Efficiency | Energy efficient product |
| Take-back | Take-back program available |

Contractual warranty

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

Recommended replacement(s)