

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 phase |
| Other Input Voltage | 380 V 415 V |
| Main Output Voltage | 400 V 3 phase |
| 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 | 384-576VDC |
| End of Discharge Battery Voltage | 307 V DC |
| End of Discharge Maximum Battery Current | 136 A |

General

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|---------------------------------|----------|
| Bypass Voltage Tolerance | +/- 10 % |
| Redundant | Yes |

Physical

| | |
|---------------|---------------------|
| Color | White |
| Height | 58.46 in (148.5 cm) |

| | |
|-----------------------|------------------------|
| Width | 20.51 in (52.1 cm) |
| Depth | 33.35 in (84.7 cm) |
| Product Weight | 551.16 lb(US) (250 kg) |

Input

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|--|--|
| Input Frequency | 40 - 70 Hz |
| Efficiency at full load | 340...460 V 400 V |
| Maximum Input Current per Phase | 72 A |
| Maximum Short Circuit Withstand (Icw) | 65 kA |
| Input Total Harmonic Distortion | Less than 3% for full load |
| Load power factor | From 0.7 leading to 0.7 lagging without any derating |

Output

| | |
|---|--|
| Max Configurable Power (Watts) | 40 kW |
| Output Frequency (sync to mains) | 50 Hz sync to mains 60 Hz sync to mains 50 Hz +/- 0.1 % for 50 Hz nominal not synced 60 Hz +/- 0.1 % for 60 Hz nominal not synced |
| Crest factor | 2.5 |
| Waveform Type | Sine wave |
| Output voltage tolerance | +/-1% after 50ms |
| Output Voltage THD | < 1% linear load and < 5% non-linear load |
| Overload Operation | 10 minutes @ 125% and 60 seconds @ 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

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|--|----------------------------|
| Ambient Air Temperature for Operation | 32...104 °F (0...40 °C) |
| Relative Humidity | 0...95 % non-condensing |
| Operating altitude | 0...3300 ft |
| Ambient Air Temperature for Storage | -13...131 °F (-25...55 °C) |
| Storage Relative Humidity | 10...80 % non-condensing |
| Acoustic level | 68 dBA |
| Online Thermal Dissipation | 4333 Btu/h |
| IP degree of protection | IP21 |

Communications & Management

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|----------------------|---------------------------------|
| Control panel | Touch Screen LCD User Interface |
|----------------------|---------------------------------|

Ordering and shipping details

GTIN 731304418283

Packing Units

| | |
|------------------------------|------------------------|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Height | 66.14 in (168 cm) |
| Package 1 Width | 38.98 in (99 cm) |
| Package 1 Length | 25.20 in (64 cm) |
| Package 1 Weight | 551.16 lb(US) (250 kg) |

Offer Sustainability

| | |
|-----------------------------|---|
| REACH Regulation | REACH Declaration |
| EU RoHS Directive | Under investigation |
| China RoHS Regulation | China RoHS declaration |
| 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)