

Technical Specifications

Galaxy VS UPS 40kW 400V for up to 4 internal 9Ah smart modular battery strings, Start-up 5x8 | GVSUPS40K0B4HS | Downloaded on 05/20/2020 (EST)



Galaxy VS UPS 40kW 400V for up to 4 internal 9Ah smart modular battery strings, Start-up 5x8

GVSUPS40K0B4HS

Call for More Information

- 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. This UPS is for up to 4 smart modular high capacity battery strings, but is supplied without batteries, so you can easily customize the battery runtime. Includes 5x8 start-up service.
- Includes: Dust filter, EcoStruxure Ready, Installation Manual, Integrated network management, Start-up service

| Output | |
|----------------------------------|--------------------------------------------------------------|
| Output power capacity | 40.0kWatts / 40.0kVA |
| Max Configurable Power (Watts) | 40.0kWatts / 40.0kVA |
| Nominal Output Voltage | 400V 3PH |
| Output Voltage Distortion | Less than 3% |
| Output Frequency (sync to mains) | 50 Hz, 60 Hz |
| Output Frequency (not synced) | 50Hz +/-0.1% for 50Hz nominal, 60Hz +/-0.1% for 60Hz nominal |
| Other Output Voltages | 380, 415 |
| Load Crest Factor | 2.5 |
| Topology | Double Conversion Online |
| Waveform type | Sinewave |
| Overload Operation | 150% for 1 minute 125% for 10 minutes |
| Output Voltage THD | <1% linear load and <3% non-linear load |
| Output Voltage Tolerance | +/- 5% after 2ms and +/- 1% after 50ms |
| Bypass | Built-in Static Bypass |

| Input | |
|-----------------------------------------|----------------------------|
| Nominal Input Voltage | 400V 3PH |
| Input frequency | 40 - 70Hz |
| Input voltage range for main operations | 340 - 460 (400V)V |
| Input Total Harmonic Distortion | Less than 3% for full load |

Disclaimer: 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's applications.

Technical Specifications

Galaxy VS UPS 40kW 400V for up to 4 internal 9Ah smart modular battery strings, Start-up 5x8 | GVSUPS40K0B4HS | Downloaded on 05/20/2020 (EST)

| Input | |
|---------------------------------------|-----------|
| Other Input Voltages | 380, 415 |
| Maximum Short Circuit Withstand (Icw) | 65.0kAmps |
| Maximum Input Current | 72.0A |
| Input Power Factor at Full Load | 0.99 |

| Batteries & Runtime | |
|------------------------------------------|------------------------------------------------------------|
| Battery type | VRLA |
| Nominal Battery Voltage | 480VDC |
| End of Discharge Maximum Battery Current | 109.0A |
| End of Discharge Battery Voltage | 384 |
| Efficiency | View Efficiency Graph (Available in Technical Tab on site) |

| Communications & Management | |
|-----------------------------|----------------------------------------------------|
| Control panel | Touch Screen LCD User Interface |
| Audible Alarm | Audible and visible alarms prioritized by severity |

| Physical | |
|-----------------|------------------------|
| Maximum Height | 1485MM, 148.5CM |
| Maximum Width | 521MM, 52.1CM |
| Maximum Depth | 847MM, 84.7CM |
| Net Weight | 200.0KG |
| Shipping weight | 200.0KG |
| Shipping Height | 1680MM, 168.0CM |
| Shipping Width | 640MM, 64.0CM |
| Shipping Depth | 990MM, 99.0CM |
| Color | Gloss level 85%, White |

| Environmental | |
|-----------------------------|---------------------------|
| Operating Temperature | 0 - 40 °C |
| Operating Relative Humidity | 0 - 95 (non-condensing) % |

Disclaimer: 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's applications.

Technical Specifications

Galaxy VS UPS 40kW 400V for up to 4 internal 9Ah smart modular battery strings, Start-up 5x8 | GVSUPS40K0B4HS | Downloaded on 05/20/2020 (EST)

| Environmental | |
|-----------------------------------------------|----------------------------|
| Operating Elevation | 0-990meters |
| Storage Temperature | -15 - 40 °C |
| Storage Relative Humidity | 10 - 80 (non-condensing) % |
| Storage Elevation | 0-3meters |
| Audible noise at 1 meter from surface of unit | 61.0dBA |
| Online thermal dissipation | 4658.0BTU/hr |
| Protection Class | IP 20 |

| Conformance | |
|-------------------|-------------------------------------------------------------------|
| Approvals | FCC Part 15 Class A, IEC 62040-1-1, IEC 62040-2, OSHPD |
| Standard warranty | 1 year on-site repair or replace with factory authorized Start-Up |

| Sustainable Offer Status | |
|--------------------------|--------------------------|
| RoHS | Compliant |
| REACH | REACH: Contains No SVHCs |

Disclaimer: 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's applications.