Technical Specifications

Galaxy VS UPS 50kW 400V for up to 4 internal 9Ah smart modular battery strings, Start-up 5x8 | GVSUPS50K0B4HS | Downloaded on 05/15/2020 (EST)

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GVSUPS50K0B4HS

Call for More Information

- Highly efficient, easy-to-deploy 50kW, 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	50.0kWatts / 50.0kVA
Max Configurable Power (Watts)	50.0kWatts / 50.0kVA
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% at full load

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Input

Other Input Voltages	380, 415
Maximum Short Circuit Withstand (Icw)	65.0kAmps
Maximum Input Current	90.0A
Input Power Factor at Full Load	0.99

Batteries & Runtime

Battery type	VRLA
Nominal Battery Voltage	480VDC
End of Discharge Maximum Battery Current	136.0A
End of Discharge Battery Voltage	384
Efficiency	View Efficiency Graph (Available in Technical Tab on site)

Communications & Management

Control panel	Touchscreen 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 to 95% non-condensing %

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Environmental

Operating Elevation	0-990meters
Storage Temperature	-15 - 40 °C
Storage Relative Humidity	10 to 80% non-condensing %
Storage Elevation	0-3meters
Audible noise at 1 meter from surface of unit	61.0dBA
Online thermal dissipation	6151.0BTU/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