

Technical Specifications

Galaxy VS UPS 80kW 480V for up to 5 internal 9Ah smart modular battery strings, Start-up 5x8 | GVSUPS80K0B5GS | Downloaded on 05/15/2020 (EST)



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GVSUPS80K0B5GS

Call for More Information 800-800-4272

- Highly efficient, easy-to-deploy 80kW, 480V 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 5 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	80.0kWatts / 80.0kVA
Max Configurable Power (Watts)	80.0kWatts / 80.0kVA
Nominal Output Voltage	480V 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
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	+/-1% after 50ms
Bypass	Built-in Static Bypass

Input	
Nominal Input Voltage	480V 3PH
Input frequency	40 - 70Hz
Input voltage range for main operations	408 - 552 (480)V
Input Total Harmonic Distortion	Less than 3% for full load
Maximum Short Circuit Withstand (Icw)	65.0kAmps

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Input	
Maximum Input Current	119.0A
Input Power Factor at Full Load	0.99

Batteries & Runtime	
Battery type	VRLA
Nominal Battery Voltage	480VDC
End of Discharge Maximum Battery Current	217.0A
End of Discharge Battery Voltage	384VDC
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	78.0inches (1970MM, 197.0CM)
Maximum Width	22.0inches (550MM, 55.0CM)
Maximum Depth	34.0inches (847MM, 84.7CM)
Net Weight	551.16lbs. (250.0KG)
Shipping weight	551.16lbs. (250.0KG)
Shipping Height	82.0inches (2082MM, 208.2CM)
Shipping Width	30.0inches (755MM, 75.5CM)
Shipping Depth	40.0inches (1010MM, 101.0CM)
Color	Gloss level 85%, White

Environmental	
Operating Temperature	32 - 104 °F (0 - 40 °C)
Operating Relative Humidity	0 - 95 (non-condensing) %
Operating Elevation	0-3300ftft (0-990meters)
Storage Temperature	-15 - 40 °C

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Environmental	
Storage Relative Humidity	10 - 80 (non-condensing) %
Storage Elevation	0-10 000fft (0-3meters)
Audible noise at 1 meter from surface of unit	65.0dBA
Online thermal dissipation	8334.0BTU/hr
Protection Class	IP 20

Conformance	
Approvals	CSA C22.2 NO. 107.3, ENERGY STAR V2.0 (USA), FCC Part 15 Class A, IEC 62040-1-1, IEC 62040-2, IEC 62040-3, OSHPD, UL 1778 5th edition
Standard warranty	1 year on-site repair or replace with factory authorized Start-Up

Sustainable Offer Status	
RoHS	Compliant
REACH	REACH: Contains No SVHCs

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