

Technical Specifications

Galaxy VS UPS 20kW 208V with N+1 power module, for 5 smart modular 9Ah battery strings, Start-up 5x8 | GVSUPS20KR0B5FS | Downloaded on 05/05/2020 (EST)



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GVSUPS20KR0B5FS

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- Highly efficient, easy-to-deploy 20kW, 208V 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 and one additional power module for N+1 redundancy.
- Includes: Dust filter, EcoStruxure Ready, Installation Manual, Integrated network management, Start-up service

Output	
Output power capacity	20.0kWatts / 20.0kVA
Max Configurable Power (Watts)	20.0kWatts / 20.0kVA
Nominal Output Voltage	208V 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	200, 220
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	208V 3PH
Input frequency	40 - 70Hz
Input voltage range for main operations	177 - 239 (208V)V
Input Total Harmonic Distortion	Less than 6% for full linear load

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Input	
Other Input Voltages	200, 220
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	54.0A
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	1970MM, 197.0CM
Maximum Width	550MM, 55.0CM
Maximum Depth	847MM, 84.7CM
Net Weight	250.0KG
Shipping weight	250.0KG
Shipping Height	2082MM, 208.2CM
Shipping Width	755MM, 75.5CM
Shipping Depth	1010MM, 101.0CM
Color	Gloss level 85%, White

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

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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	54.0dBA
Online thermal dissipation	3234.0BTU/hr
Protection Class	IP 20

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

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