

Technical Specifications

Galaxy VS UPS 80kW 400V for external batteries, halogen-free cables, marine certified, Start-up 5x8 | GVSUPS80KMHS | Downloaded on 07/05/2022 (EST)



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GVSUPS80KMHS

Call for More Information

- Highly efficient, easy-to-deploy 80kW, 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 halogen-free cables. Marine certified.
- Includes: Dust filter, EcoStruxure IT ready (UPS), Installation guide, Integrated network management, Power modules ship installed, Start-up service

Output	
Output power capacity	80.0kWatts / 80.0kVA
Max Configurable Power (Watts)	80.0kWatts / 80.0kVA
Nominal Output Voltage	400V 3PH
Output Frequency (sync to mains)	50 Hz +/- 0.1 % For 50 Hz nominal Unsynchronised, 50 Hz Sync to mains, 60 Hz +/- 0.1 % For 60 Hz nominal Unsynchronised, 60 Hz Sync to mains
Load Crest Factor	2.5
Waveform type	Sine wave
Overload Operation	10 minutes at 125% and 60 seconds at 150%
Output Voltage THD	< 1% linear load and < 5% non-linear load
Output Voltage Tolerance	+/-1% after 50ms
Bypass	Built-in static bypass

Input	
Nominal Input Voltage	400V 3PH
Input frequency	40 - 70 Hz
Input voltage range for main operations	340 - 460 (400 V)V
Input Total Harmonic Distortion	Less than 3 % for full load
Other Input Voltages	380 V, 415 V
Maximum Short Circuit Withstand (Icw)	65.0kAmps
Maximum Input Current	144.0A

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Batteries & Runtime	
Battery type	External battery system, Li-Ion (Lithium-Ion), VRLA
Nominal Battery Voltage	384...576 V DC
End of Discharge Maximum Battery Current	217.0A
End of Discharge Battery Voltage	307 V DC

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	52MM, 5.21CM
Maximum Depth	847MM, 84.7CM
Net Weight	250.0KG
Shipping weight	290.0KG
Shipping Height	1680MM, 168.0CM
Shipping Width	640MM, 64.0CM
Shipping Depth	990MM, 99.0CM
Color	White

Environmental	
Operating Temperature	0 - 40 °C
Operating Relative Humidity	0 - 95 (Non-condensing) %
Operating Elevation	0 - 1005.84meters
Storage Temperature	-25 - 55 °C
Storage Relative Humidity	10 - 80 (Non-condensing) %
Audible noise at 1 meter from surface of unit	68.0dBA
Online thermal dissipation	8394.0BTU/hr
Protection Class	IP21

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Conformance	
Approvals	EN/IEC 62040-1, EN/IEC 62040-2, FCC part 15 class A, IEC 60721-4-2 level 2M2, UL 1778 5th edition
Standard warranty	1 year on-site repair or replace with factory authorized Start-Up

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