Product data sheet

Specifications

Galaxy VS 75kW 208V for external batteries, Start-up 5x8

GVSUPS75KFS

Overview

Presentation	Highly efficient, easy-to-deploy 75kW, 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. Includes 5x8 start-up service.
Lead time	Usually Ships within 2 Weeks

Main

Main Input Voltage	208 V 3 phase
Other Input Voltage	200 V 220 V
Main Output Voltage	208 V 3 phase
Kw Rating	75 kW
Rated power in VA	75 kVA
Battery type	External battery system Li-Ion (Lithium Ion) VRLA
Provided equipment	Dust filter EcoStruxure IT ready (UPS) Installation guide Integrated network management Power modules ship installed Start-Up Service

Batteries & Runtime

Battery voltage	384-480VDC
End of Discharge Battery Voltage	307 V DC
End of Discharge Maximum Battery Current	254 A

General

Bypass Voltage Tolerance	+/- 10 %
Redundant	No

Physical

Color	White
Height	58.46 in (148.5 cm)
Width	20.51 in (52.1 cm)

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Depth	33.35 in (84.7 cm)
Net Weight	639.34 lb(US) (290 kg)

Input

Input Frequency	40 - 70 Hz
Efficiency at full load	177...239 V 208 V
Maximum Input Current per Phase	269 A
Maximum Short Circuit Withstand (Icw)	65 kA
Input Total Harmonic Distortion	Less than 3% for full load
Load power factor	From 0.7 leading to 0.7 lagging without any derating

Output

Max Configurable Power (Watts)	75 kW
Output Frequency (sync to mains)	50 Hz sync to mains 60 Hz sync to mains 50 Hz +/- 0.1 % for 50 Hz nominal not synced 60 Hz +/- 0.1 % for 60 Hz nominal not synced
Crest factor	2.5
Waveform Type	Sine wave
Output voltage tolerance	+/-1% after 50ms
Overload Operation	10 minutes @ 125% and 60 seconds @ 150%
Bypass type	Built-in Static Bypass
Maximum configurable power in VA	75 kVA

Conformance

Standards	IEC 62040-1-1 IEC 62040-2 UL 1778 5th edition FCC Part 15 class A IEC 60721-4-2 Level 2M2 UL 924 Listed

Environmental

Ambient air temperature for operation	32…104 °F (0…40 °C)
Relative Humidity	0…95 % non-condensing
Operating altitude	0...3300 ft
Ambient Air Temperature for Storage	-13…131 °F (-25…55 °C)
Storage Relative Humidity	10…80 % non-condensing
Acoustic level	68 dBA
Heat dissipation	16137 Btu/h
IP degree of protection	IP21

Communications & Management

Control panel	Touch Screen LCD User Interface

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Ordering and shipping details

GTIN	731304418467

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	66.14 in (1680 mm)
Package 1 Width	38.98 in (990 mm)
Package 1 Length	25.20 in (640 mm)
Package 1 Weight	694.46 lb(US) (315 kg)

Offer Sustainability

Sustainable offer status	Green Premium product
REACh Regulation	REACh Declaration
EU RoHS Directive	Compliant EU RoHS Declaration
Mercury free	Yes
China RoHS Regulation	China RoHS declaration
RoHS exemption information	Yes
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End of Life Information
Optimized Energy Efficiency	Energy efficient product
Take-back	Take-back program available

Contractual warranty

Warranty	1 year on-site repair or replace with factory authorized Start-Up

Recommended replacement(s)