Product data sheet

Specifications

Galaxy VS UPS 80kW 480V for up to 5 internal 9Ah smart modular battery strings, Start-up 5x8

GVSUPS80K0B5GS

Overview

Presentation	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.
Lead time	Usually Ships within 2 Weeks

Main

Main Input Voltage	480 V 3 phase
Main Output Voltage	480 V 3 phase
Kw Rating	80 kW
Rated power in VA	80 kVA
Battery Type	Internal modular battery VRLA
Provided equipment	Dust filter Installation manual Integrated network management Start-Up Service EcoStruxure Ready

Batteries & Runtime

Efficiency	View Efficiency Graph
Battery Voltage	480V
End of Discharge Battery Voltage	384 V DC
End of Discharge Maximum Battery Current	217 A
Battery power in VAH	0 VAh runtime
Extendable Run Time	0

General

Redundant	No
Product or Component Type	Uninterruptible power supply (UPS)

Physical

color	White
Height	77.6 in (197 cm)
Width	21.7 in (55 cm)

Depth	33.3 in (84.7 cm)
Net Weight	652.6 lb(US) (296 kg)
USB compatible	No

Input

Input Frequency	40 - 70 Hz
Efficiency at full load	408...552 V 480 V
Maximum Input Current per Phase	119 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
Input Power Factor at Full Load	0.99

Output

Max Configurable Power (Watts)	80 kW
Harmonic distortion	Less than 3%
Output Frequency (sync to mains)	50 Hz sync to mains 60 Hz sync to mains
Crest factor	2.5
Waveform Type	Sine wave
Output voltage tolerance	+/-1% after 50ms
Output Voltage THD	< 1% linear load and < 3% non-linear load
Overload Operation	10 minutes @ 125% and 60 seconds @ 150%
Bypass type	Built-in Static Bypass
Maximum configurable power in VA	80 kVA

Conformance

Product Certifications	ENERGY STAR V2.0 (USA)
Standards	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

Environmental

Ambient Air Temperature for Operation	32.0000000000…104.0000000000 °F (0…40 °C)
Relative Humidity	0…95 % non-condensing
Operating altitude	0...3300 ft
Ambient Air Temperature for Storage	5.0000000000…104.0000000000 °F (-15…40 °C)
Storage Relative Humidity	10…80 % non-condensing
Storage altitude	0…10000 ft (0.0000000000…3048.0000000000 m)
Acoustic level	65 dBA
Online Thermal Dissipation	8334 Btu/h

IP degree of protection	IP20

Communications & Management

Control panel	Touch Screen LCD User Interface

Ordering and shipping details

GTIN	731304409953

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	77.6 in (197 cm)
Package 1 Width	21.7 in (55 cm)
Package 1 Length	33.3 in (84.7 cm)
Package 1 Weight	551.2 lb(US) (250 kg)

Contractual warranty

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

Sustainability

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Energy Efficient


Take-back


Transparency


RoHS/REACh

Resource performance

Energy Efficient Product	
Take-Back Program Available	

Well-being performance

Mercury Free	
Rohs Exemption Information	Yes

Environmental Certifications

Energy Star®	ENERGY STAR UPS V2.0 (USA)

Certifications & Standards

Reach Regulation	REACh Declaration
Eu Rohs Directive	Compliant with Exemptions
China Rohs Regulation	China RoHS declaration
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End of Life Information