Product data sheet

Specifications





Galaxy VS UPS 50kW 480V, 2 internal 9Ah smart modular battery strings, expandable to 4, Start-up 5x8

GVSUPS50KB4GS

Highly efficient, easy-to-deploy 50kW, 480V 3-phase UPS that brings best-in-class power protection and low total cost of ownership to edge, small and medium data

Overview

Presentation

	centers, as well as to critical infrastructure in commercial and industrial applications. Includes 5x8 start-up service and 2 smart high-capacity modular battery strings, expandable to 4 strings for extended runtime. Runtime charts available in the Documents tab. (600V options available for Canada / Options disponibles pour le Canada)	
Lead Time	Usually Ships within 2 Weeks	
Main		
Main Input Voltage	480 V 3 phase	
Main Output Voltage	480 V 3 phase	
Kw Rating	50 kW	
Rated Power In Va	50 kVA	
Battery Type	Internal modular battery VRLA	
Provided Equipment	Battery modules ship installed Dust filter EcoStruxure IT ready (UPS)	

Installation guide

Start-Up Service

Integrated network management Power modules ship installed

Batteries & Runtime

Efficiency	View Efficiency Graph ☐
Battery Voltage	480V
End Of Discharge Battery Voltage	384 V DC
End Of Discharge Maximum Battery Current	135 A
Battery Power In Vah	0 VAh runtime
Extendable Run Time	0

General

Bypass Voltage Tolerance	+/- 10 %	
Redundant	No	
Product Or Component Type	Uninterruptible power supply (UPS)	

Physical



Color	White
Height	58.46 in (148.5 cm)
Width	20.51 in (52.1 cm)
Depth	33.35 in (84.7 cm)
Net Weight	1014.13 lb(US) (460 kg)
Usb Compatible	No

Input

Input Frequency	40 - 70 Hz	
Efficiency At Full Load	408552 V 480 V	
Maximum Input Current Per Phase	74 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)	50 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	
Wave 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	50 kVA	

Conformance

Product Certifications	ENERGY STAR V2.0 (USA)
Standards	CSA C22.2 No 107.3 FCC Part 15 class A IEC 62040-3 IEC 60721-4-2 Level 2M2 UL 1778 5th edition

Environmental

Ambient Air Temperature For Operation	32104 °F (040 °C)	
Relative Humidity	095 % non-condensing	
Operating Altitude	03281 ft	
Ambient Air Temperature For Storage	5104 °F (-1540 °C)	
Storage Relative Humidity	1080 % non-condensing	
Storage Altitude	010000 ft (0.003048.00 m)	
Acoustic Level	61 dBA	

Heat Dissipation	5210 Btu/h
Ip Degree Of Protection	IP20

Communications & Management

Free Slots	1	
Control Panel	Touch Screen LCD User Interface	

Ordering and shipping details

Gtin 731304641841

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	66.14 in (168 cm)
Package 1 Width	38.98 in (99 cm)
Package 1 Length	25.20 in (64 cm)
Package 1 Weight	1080.27 lb(US) (490 kg)

Contractual warranty

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



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Energy Efficient Take-back Transparency RoHS/REACh

Resource	performance
	p 0

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

Eu Rohs Directive

Compliant with Exemptions

China Rohs Regulation

China RohS declaration

Environmental Disclosure

Product Environmental Profile

Circularity Profile

End of Life Information