Product data sheet

Specifications





Galaxy VS UPS 100kW 480V, 3 internal 9Ah smart modular battery strings expandable to 5, Start-up 5x8

GVSUPS100KB5GS

Overview

Presentation	Highly efficient, easy-to-deploy 100kW, 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. Includes 5x8 start-up service and 3 smart modular high capacity battery strings, expandable to 5 strings for extended runtime. See the battery runtime chart for details.	
Lead Time	Usually Ships within 2 Weeks	
Main		
Main Input Voltage	480 V 3 phases	
Main Output Voltage	480 V 3 phases	
Rated Power In W	100 kW	
Rated Power In Va	100 kVA	

Rated Power In Va	100 kVA	
Battery Type	Internal modular battery VRLA	
Provided Equipment	Dust filter Installation manual Integrated network management Battery modules ship installed Start-up service EcoStruxure Ready	

Batteries & Runtime

Efficiency	View Efficiency Graph 🖾
Battery Voltage	480 V
Discharge Battery Voltage	384 V DC
Max Current Discharge	271 A
Battery Power In Vah	0 VAh runtime
Extended Runtime	0

General

Redundant

No

Physical

Colour	White
Height	77.56 in (197 cm)
Width	21.65 in (55 cm)

Depth	33.35 in (84.7 cm)	
Net Weight	1499.14 lb(US) (680 kg)	
Usb Compatible	No	

Input

Network Frequency	4070 Hz	
Input Voltage Limits	408552 V 480 V	
Maximum Input Current	149 A	
Max Short Time Withstand Current	65 kA	
Input 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

•	
Maximum Configurable Power In W	100 kW
Harmonic Distortion	Less than 3 %
Output Frequency	50 Hz sync to mains 60 Hz sync to mains
Crest Factor	2.5
Wave Type	Sine wave
Output Voltage Tolerance	+/-1% after 50ms
Output Harmonic Distortion	< 1% linear load and < 3% non-linear load
Output Overload Operation	10 minutes at 125% and 60 seconds at 150%
Bypass Type	Built-in static bypass
Maximum Configurable Power In Va	100 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	32104 °F (040 °C)
Relative Humidity	095 % non-condensing
Operating Altitude	03300 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	65 dBA
Heat Dissipation	10714 Btu/h

Communications & Management

Control Panel

Touch screen LCD user interface

Packing Units

U	
Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	77.56 in (197 cm)
Package 1 Width	21.65 in (55 cm)
Package 1 Length	33.35 in (84.7 cm)
Package 1 Weight	1499.14 lb(US) (680 kg)

Contractual warranty

Warranty

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

Sustainability Screen Premium

Green PremiumTM label is Schneider Electric's commitment to delivering products with best-inclass environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO₂ products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

Learn more about Green Premium >

Guide to assess a product's sustainability >



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