Product data sheet

Specifications

Galaxy VS UPS 80kW 480V, 3 internal 9Ah smart modular battery strings, expandable to 5, Start-up 5x8

GVSUPS80KB5GS

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. 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	80 kW
Rated Power In Va	80 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	217 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)

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

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

Input

Network Frequency	40...70 Hz
Input Voltage Limits	408...552 V 480 V
Maximum Input Current	119 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	80 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	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…104 °F (0…40 °C)
Relative Humidity	0…95 % non-condensing
Operating Altitude	0...3300 ft
Ambient Air Temperature For Storage	5…104 °F (-15…40 °C)
Storage Relative Humidity	10…80 % non-condensing
Storage Altitude	0…10000 ft (0.00…3048.00 m)
Acoustic Level	65 dBA
Heat Dissipation	8334 Btu/h

Ip Degree Of Protection	IP20

Communications & Management

Control Panel	Touch screen LCD user interface

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	81.97 in (208.2 cm)
Package 1 Width	39.76 in (101 cm)
Package 1 Length	29.72 in (75.5 cm)
Package 1 Weight	1554.26 lb(US) (705 kg)

Contractual warranty

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

Sustainability

Green Premium™ label is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO_2 products.

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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