Product datasheet

Specifications

Green Premium™

Galaxy VS UPS 100kW 400V for up to 5 internal 9Ah smart modular battery strings, Start-up 5x8

GVSUPS100K0B5HS

Overview

Presentation	Highly efficient, easy-to-deploy 100kW, 400V 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	400 V 3 phases
Other Input Voltage	380 V 415 V
Main Output Voltage	400 V 3 phases
Other Output Voltage	380 V 415 V
Rated Power In W	100 kW
Rated Power In Va	100 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	480 V
Discharge Battery Voltage	384 V
Max Current Discharge	271 A
Battery Power In Vah	0 VAh runtime
Extended Runtime	0

General

Redundant	No

Physical

Colour	White

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

Height	197 cm
Width	55 cm
Depth	84.7 cm
Net Weight	250 kg
Usb Compatible	No

Input

Network Frequency	40...70 Hz
Input Voltage Limits	340...460 V 400 V
Maximum Input Current	180 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	+/- 5% after 2ms +/-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

Standards	IEC 62040-1-1 IEC 62040-2 OSHPD

Environmental

Ambient Air Temperature For Operation	0…40 °C
Relative Humidity	0…95 % non-condensing
Operating Altitude	0...3300 ft
Ambient Air Temperature For Storage	-15…40 °C
Storage Relative Humidity	10…80 % non-condensing
Storage Altitude	0.00…3048.00 m
Acoustic Level	65 dBA
Heat Dissipation	12377 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	208.2 cm
Package 1 Width	101 cm
Package 1 Length	75.5 cm
Package 1 Weight	250 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.

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 >

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

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