Product data sheet

Specifications



Galaxy VS UPS 50kW 208V for External Batteries, Start-up 5x8

GVSUPS50KFS

Overview

Presentation

Highly efficient, easy-to-deploy 50kW, 208V 3-phase uninterruptible power supply (UPS) that brings best-in-class power protection to edge, small and medium data centers, as well as to critical infrastructure in commercial and industrial applications. Compact design, high-density technology and modular architecture keep total cost of ownership low and operational efficiency at the highest levels. Galaxy VS reduces your energy losses by up to 66% with the patented ECOnversion mode – reaching up to 99% efficiency in normal operating mode. The UPS is EcoStruxure-ready to give you peace of mind with cloud-based remote monitoring and management via your smartphone. Includes 5x8 start-up service. For battery runtime details, see the runtime charts published under the Documents tab.

Lead time

Usually Ships within 2 Weeks

Main

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Main Input Voltage	208 V 3 phases
Other Input Voltage	200 V 220 V
Main Output Voltage	208 V 3 phases
Other Output Voltage	200 V 220 V
Rated power in W	50 kW
Rated power in VA	50 kVA
Output connector type	Hard wire 5-wire (3P + N + E) 1
Battery type	External battery system Li-Ion (Lithium-Ion) VRLA
Provided equipment	Dust filter Installation guide Integrated network management Power modules ship installed Start-up service Top and bottom cable entry

Batteries & Runtime

Efficiency	View Efficiency Graph
Number of battery filled slots	0
Number of battery free slots	0
Battery voltage	384480 V DC
Discharge battery voltage	307 V DC
Max current discharge	170 A
Battery power in VAH	0 VAh runtime

Extended	runtime
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General

Bypass voltage tolerance	+/- 10 %
Max bypass input current	175 A
Redundant	No
product or component type	Uninterruptible power supply (UPS)

Physical

Colour	White
Height	148.5 cm
Width	52.1 cm
Depth	84.7 cm
net weight	250 kg
USB compatible	No

Input

Network frequency	4070 Hz
Number of input connectors	1 hard wire 4-wire (3P + E) 1 hard wire 5-wire (3P + N + E)
Input voltage limits	177239 V 208 V
Maximum input current	182 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	50 KW	
Harmonic distortion	Less than 3 %	
Output frequency	50 Hz sync to mains 60 Hz sync to mains 60 Hz +/- 0.1 % for 60 Hz nominal unsynchronised 50 Hz +/- 0.1 % for 50 Hz nominal unsynchronised	
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	50 kVA	

Conformance

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	040 °C
Relative humidity	095 % non-condensing
Operating altitude	03281 ft
Ambient air temperature for storage	-2555 °C
Storage Relative Humidity	1080 % non-condensing
Storage altitude	0.00000000015240.000000000 m
Acoustic level	65 dBA
heat dissipation	10758.4 Btu/h
IP degree of protection	IP21

Communications & Management

Free slots	1
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	168 cm
Package 1 Width	99 cm
Package 1 Length	64 cm
Package 1 Weight	275 kg

Contractual warranty

Warranty

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

Sustainability

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 >

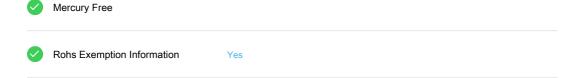


Resource performance

Energy Efficient Product

Take-Back Program Available

Well-being performance



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