Product data sheet

Specifications



Galaxy VS UPS 50kW 208V, 3 internal 9Ah smart modular battery strings, expandable to 5, Start-up 5x8

GVSUPS50KB5FS

Overview

Presentation	Highly efficient, easy-to-deploy 50kW, 208V 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	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
Battery type	Internal modular battery VRLA
Provided equipment	Dust filter Installation manual Integrated network management Battery modules ship installed Start-up service EcoStruxure Ready

General

Redundant	No

Physical

Colour	White
Height	197 cm
Width	55 cm
Depth	84.7 cm
Net weight	680 kg
USB compatible	No

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

Input

Network frequency	40...70 Hz
Input voltage limits	177...239 V 208 V
Maximum input current	179 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 5 %
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 < 5% 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

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	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	57 dBA
Heat dissipation	10339 Btu/h
IP degree of protection	IP20

Batteries & Runtime

Battery voltage	480 V

Discharge battery voltage	384 V DC
Max current discharge	136 A
Battery power in VAH	0 VAh runtime
Extended runtime	0

Communications & Management

Control panel	Touch screen LCD user interface
Alarm	Audible and visible alarms prioritized by severity

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	197 cm
Package 1 Width	55 cm
Package 1 Length	84.7 cm
Package 1 Weight	680 kg

Offer Sustainability

Sustainable offer status	Green Premium product
REACh Regulation	REACh Declaration
EU RoHS Directive	Compliant EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	China RoHS declaration
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End of Life Information
Optimized Energy Efficiency	Energy efficient product
Take-back	Take-back program available

Contractual warranty

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

Recommended replacement(s)