

Product data sheet

Specifications



Galaxy VS UPS 30kW 208V, 3 internal 9Ah smart modular battery strings, expandable to 5, Start-up 5x8

GVSUPS30KB5FS

Overview

Presentation	Highly efficient, easy-to-deploy 30kW, 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

General

Provided equipment	Dust filter Installation manual Integrated network management Battery modules ship installed Start-up service EcoStruxure Ready
Number of power module free slots	0
Number of power module filled slots	0
Redundant	No
UPS size	WS

Physical

Colour	White
Depth	84.7 cm
Height	197 cm
Net weight	665 kg
USB compatible	No
Width	55 cm

Input

Network frequency	40...70 Hz
Input voltage limits	177...239 V 208 V
Input voltage	200 V 220 V
Maximum input current	107 A
Max short time withstand current	65 kA

Input harmonic distortion	Less than 3 % for full load
Input voltage	208 V 3 phases
Load power factor	From 0.7 leading to 0.7 lagging without any derating
Cos phi	0.99

Output

Rated power in W	30000 W
Maximum configurable power in W	30000 W
Harmonic distortion	Less than 5 %
Output frequency	50 Hz sync to mains 60 Hz sync to mains
Output voltage	200 V 220 V
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
Curve equation	Efficiency
Curve fixed loss	0.0125
Curve load maximum	100 %
Curve load minimum	2 %
Curve proportional loss	0.0139
Curve square loss	0.0373
Curve X-axis maximum	100 %
Curve test cond ID	Curve fit to measured efficiency data. All measurements taken in normal operating mode, at typical environmental conditions, with 208V 60Hz input and 208V 60Hz balanced resistive load (PF = 1.0) output.
Curve X-axis minimum	0 %
Curve X-axis title	Load
Curve X-axis units	Percentage
Curve Y-axis maximum	100 %
Curve Y-axis minimum	50 %
Curve Y-axis title	Efficiency
Curve Y-axis units	Percentage
Graph display	1
Output voltage	208 V 3 phases
Maximum configurable power in VA	30000 VA
Rated power in VA	30000 VA

Conformance

Standards	CSA C22.2 No 107.3 FCC part 15 class A IEC 62040-1-1 IEC 62040-2 IEC 62040-3
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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	Non-condensing 10...80 %
Storage altitude	0.00...3048.00 m
Acoustic level	54 dBA
Heat dissipation	6526 Btu/h
Show note OP temperature	No
IP degree of protection	IP20

Batteries & Runtime

Battery type	Internal modular battery VRLA
Liquid value	0
Battery voltage	480 V
Discharge battery voltage	384 V DC
Max current discharge	81 A
Battery curve	B
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

Package 1 Weight	690 kg
Package 1 Height	208.2 cm
Package 1 width	75.5 cm
Package 1 Length	101 cm

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
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