

Product data sheet

Specifications



Galaxy VS UPS 20kW 400V for up to 4 internal 9Ah smart modular battery strings, Start-up 5x8

GVSUPS20K0B4HS

Overview

Presentation Highly efficient, easy-to-deploy 20kW, 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 4 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 20 kW

Rated power in VA 20 kVA

Battery type Internal modular battery
VRLA

Provided equipment Dust filter
Installation manual
Integrated network management
Start-up service
EcoStruxure Ready

General

Redundant No

Physical

Colour White

Height 148.5 cm

Width 52.1 cm

Depth 84.7 cm

Net weight 200 kg

USB compatible No

Input

Network frequency	40...70 Hz
Input voltage limits	340...460 V 400 V
Maximum input current	36 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	20 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	20 kVA

Conformance

Standards	IEC 62040-1-1 IEC 62040-2 OSHDP
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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	10...80 % non-condensing
Storage altitude	0.00...3048.00 m
Acoustic level	55 dBA
Heat dissipation	2431 Btu/h
IP degree of protection	IP20

Batteries & Runtime

Battery voltage	480 V
Discharge battery voltage	384 V
Max current discharge	54 A

Battery power in VAH	0 VAh runtime
Extended runtime	0

Communications & Management

Control panel	Touch screen LCD user interface
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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	200 kg

Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	REACH Declaration
EU RoHS Directive	Compliant EU RoHS Declaration
Mercury free	Yes
China RoHS Regulation	China RoHS declaration
RoHS exemption information	Yes
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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Recommended replacement(s)