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 phase
Other Input Voltage	380 V 415 V
Main Output Voltage	400 V 3 phase
Other Output Voltage	380 V 415 V
Kw Rating	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

Batteries & Runtime

Battery voltage	480V
End of Discharge Battery Voltage	384 V
End of Discharge Maximum Battery Current	54 A
Battery power in VAH	0 VAh runtime
Extendable Run Time	0

General

Redundant	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

Physical

Color	White
Height	58.46 in (148.5 cm)
Width	20.51 in (52.1 cm)
Depth	33.35 in (84.7 cm)
Net Weight	440.92 lb(US) (200 kg)
USB compatible	No

Input

Input Frequency	40 - 70 Hz
Efficiency at full load	340...460 V 400 V
Maximum Input Current per Phase	36 A
Maximum Short Circuit Withstand (Icw)	65 kA
Input Total 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

Max Configurable Power (Watts)	20 kW
Harmonic distortion	Less than 3%
Output Frequency (sync to mains)	50 Hz sync to mains 60 Hz sync to mains
Crest factor	2.5
Waveform Type	Sine wave
Output voltage tolerance	+/- 5% after 2ms +/-1% after 50ms
Output Voltage THD	< 1% linear load and < 3% non-linear load
Overload Operation	10 minutes @ 125% and 60 seconds @ 150%
Bypass type	Built-in Static Bypass
Maximum configurable power in VA	20 kVA

Conformance

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

Environmental

Ambient Air Temperature for Operation	32…104 °F (0…40 °C)
Relative Humidity	0…95 % non-condensing
Operating altitude	0...3300 ft
Ambient Air Temperature for Storage	5…104 °F (-15…40 °C)
Storage Relative Humidity	10…80 % non-condensing
Storage altitude	0…10000 ft (0.00…3048.00 m)

Acoustic level	55 dBA
Heat dissipation	2431 Btu/h
IP degree of protection	IP20

Communications & Management

Control panel	Touch Screen LCD User Interface

Ordering and shipping details

GTIN	731304410041

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	66.14 in (168 cm)
Package 1 Width	38.98 in (99 cm)
Package 1 Length	25.20 in (64 cm)
Package 1 Weight	440.92 lb(US) (200 kg)

Offer Sustainability

Sustainable offer status	Green Premium product
REACh Regulation	REACh Declaration
EU RoHS Directive	Compliant EU RoHS Declaration
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

Recommended replacement(s)