

Product data sheet

Specifications



Galaxy VS UPS 20kW with transformer, 480V Input 400V Output, with 2 modular battery strings expandable to 3

GVSUPS20K100B3H

Overview

Presentation	Highly efficient, easy-to-deploy, and modular 20kW 3-phase UPS, 480V Input 400V Output, designed to tolerate high peak loads of up to 80kW. It includes a 20kW 480V:400V Input transformer and 2 smart modular high capacity battery strings, expandable to 3 strings for extended runtime.
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Lead time	Usually Ships within 2 Weeks
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Main

Main Output Voltage	400 V 3 phases
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 EcoStruxure Ready

Physical

Colour	White
Height	197 cm
Width	55 cm
Depth	84.7 cm
Net weight	877 kg

Input

Maximum input current	34 A
Max short time withstand current	20 kA
Input harmonic distortion	Less than 6 % for full load
Load power factor	From 0.7 leading to 0.7 lagging without any derating

Output

Crest factor	2.5
Wave type	Sine wave
Output voltage tolerance	+/- 1 %

Output harmonic distortion	< 1% linear load and < 5% non-linear load
Bypass type	Built-in static bypass

Environmental

Ambient air temperature for operation	0...40 °C
Operating altitude	0...3000 m
Ambient air temperature for storage	-15...40 °C
Storage Relative Humidity	10...80 % non-condensing
Acoustic level	65 dB
IP degree of protection	IP20

Batteries & Runtime

Max current discharge	54 A
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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	2000 mm
Package 1 Width	900 mm
Package 1 Length	600 mm
Package 1 Weight	870 kg

Recommended replacement(s)