

Product datasheet

Specifications



Galaxy VX 500kVA Scalable to 1000kVA 400V, Start up 5x8

GVX500K1000NHS

Overview

Presentation	A highly efficient, modular, 500 kVA scalable to 1000 kVA 3-phase UPS that provides the performance, flexibility, and maximized asset utilization today's large data centers and mission critical applications require. This EcoStruxure connected UPS features up to 99% efficiency in eConversion mode. Includes 5x8 start-up service.
Lead time	Special Order - Call for Quoted Lead Times

Main

Main Input Voltage	400 V 3 phases
Other Input Voltage	380 V 415 V 440 V
Main Output Voltage	400 V 3 phases
Other Output Voltage	380 V 415 V 440 V
Rated power in W	500 kW
Rated power in VA	500 kVA
Battery type	External battery system
Provided equipment	Installation guide Start-up service

Batteries & Runtime

Battery voltage	480 V
Discharge battery voltage	384 V DC
Battery power in VAh	0 VAh runtime
Extended runtime	0

General

Redundant	No
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Physical

Colour	White
Height	197 cm
Width	240 cm
Depth	90 cm

Product weight	2030 kg
USB compatible	No
Input	
Network frequency	40...70 Hz
Maximum input current	851 A
Max short time withstand current	100 kA
Input harmonic distortion	Less than 3 % for full load
Load power factor	From 0.7 leading to 0.5 lagging without any derating
Output	
Maximum configurable power in W	1000 kW
Output frequency	50 Hz sync to mains 60 Hz sync to mains 50 Hz +/- 0.1 % for 50 Hz nominal unsynchronised
Crest factor	3 with THC <5%
Wave type	Sine wave
Output harmonic distortion	< 2% linear load and < 3% non-linear load
Output overload operation	10 minutes at 125% and 60 seconds at 150%
Maximum configurable power in VA	1000 kVA
Conformance	
Product certifications	cUL listed C-Tick CE UL 1778 5th edition
Standards	IBC 2012 IEC 62040-1-1 IEC 62040-2 IEC 62040-3 IEC 62040-4 ISTA 2B
Environmental	
Ambient air temperature for operation	0...40 °C
Relative humidity	0...95 % non-condensing
Operating altitude	0...3333 ft
Ambient air temperature for storage	-15...40 °C
Storage Relative Humidity	0...95 % non-condensing
Storage altitude	0.00...15240.00 m
Acoustic level	69.5 dBA
Heat dissipation	80387 Btu/h
IP degree of protection	IP20
Communications & Management	
Free slots	2
Control panel	7" touch screen display

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	215 cm
Package 1 Width	106 cm
Package 1 Length	317 cm
Package 1 Weight	2592 kg

Offer Sustainability

EU RoHS Directive	Under investigation
China RoHS Regulation	China RoHS declaration
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

Contractual warranty

Warranty	1 year on-site repair or replace with factory authorized Start-Up
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Recommended replacement(s)