

Product data sheet

Specifications



Galaxy VX 500kVA Scalable to 1000kVA 480V, Start up 5x8

GVX500K1000GS

 **Discontinued on:** Jul 21, 2023

 **Discontinued**


Overview

Presentation	Highly efficient, scalable, 3-phase power protection with flexible operating modes and EConversion™ for large facilities, data centers, and business critical applications.
Lead time	Special Order - Call for Quoted Lead Times

Main

Main Input Voltage	480 V 3 phases
Main Output Voltage	480 V 3 phases
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

Efficiency	View Efficiency Graph 
Number of battery filled slots	0
Number of battery free slots	0
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	270 cm
Depth	90 cm
net weight	1880 kg
USB compatible	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

Input

Network frequency	40...70 Hz
Maximum input current	728 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	60 Hz sync to mains 60 Hz +/- 0.1 % for 60 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

Standards	CSA C22.2 No 107.3 FCC part 15 class A IBC 2012 IEC 62040-3 IEC 60721-4-2 level 2M2 OSHDP UL 1778 5th edition
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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	0.0000000000...15240.0000000000 m
Acoustic level	68 dBA
heat dissipation	69625 Btu/h
IP degree of protection	IP20

Communications & Management

Free slots	2
Preinstalled device	Network management card 2 with environmental monitoring, out of band access and Modbus
control panel	7" touch screen display

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1

Contractual warranty

Warranty	1 year on-site repair or replace with factory authorized Start-Up
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Sustainability

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Energy Efficient

Resource performance

 Energy Efficient Product

Well-being performance

 Mercury Free

Eu Rohs Directive

Under investigation
