Product data sheet

Specifications

Galaxy VX 500kVA Scalable to 750kVA 480V, Start up 5x8

GVX500K750GS

⚠ **Discontinued on:** Jul 5, 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
Output Connector Type	Hard wire 4-wire (3P + E) 1
Battery Type	External battery system
Provided Equipment	Installation guide Top and bottom cable entry Seismic compliance Start-up service

Batteries & Runtime

Efficiency	View Efficiency Graph ↗
Number Of Battery Filled Slots	0
Number Of Battery Free Slots	0
Discharge Battery Voltage	384 V DC
Battery Power In Vah	0 VAh runtime
Extended Runtime	0

General

Redundant	No

Physical

Colour	White
Height	197 cm
Width	270 cm
Depth	90 cm
Net Weight	2129.61 kg

Usb Compatible	No

Input

Network Frequency	40...70 Hz
Input Voltage Limits	408...600 V
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
Input Power Factor At Full Load	0.99

Output

Maximum Configurable Power In W	750 kW
Output Frequency	60 Hz sync to mains 60 Hz +/- 0.1 % for 60 Hz nominal unsynchronised
Crest Factor	3 : 1
Wave Type	Sine wave
Output Voltage Tolerance	+/- 1% symmetrical load and +/- 3% asymmetrical load
Output Harmonic Distortion	< 2% 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 Optional external bypass
Maximum Configurable Power In Va	750 kVA

Conformance

Standards	CBC 2013 to Sds = 1.84g CSA C22.2 No 107.3 FCC part 15 class A IBC 2012 IEC 62040-3 IEC 60721-4-2 level 2M2 OSHPD UL 1778 5th edition

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	72 dBA
Heat Dissipation	115764 Btu/h
Ip Degree Of Protection	IP20

Communications & Management

Free Slots	1

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Preinstalled Device	Network management card 2 with environmental monitoring, out of band access and Modbus
Control Panel	Touch screen LCD user interface
Alarm	Audible and visible alarms : configurable delays
Emergency Power Off	Optional

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

Sustainability

Green Premium^{TM} label is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO_2 products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

Learn more about Green Premium >

Guide to assess a product's sustainability >

Energy Efficient

Resource performance

✓ Energy Efficient Product

Eu Rohs Directive	Will be compliant – Date to be confirmed
California Proposition 65	WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov