Product data sheet

Specifications

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

GVX500K1000GS

Discontinued on: Jul 21, 2023

To be end-of-service on: Dec 31, 2032

Discontinued - Service only

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
Range of product	Galaxy VX
Range compatibility	Galaxy VX

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
Product or component type	Uninterruptible power supply (UPS)

Physical

Colour	White
Height	197 cm
Width	270 cm

Depth	90 cm
Net weight	1880 kg
USB compatible	No

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 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…15240 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

Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

Environmental Data explained >

How we assess product sustainability >

Use Better

Materials and Substances

EU RoHS Directive	**Under investigation**

Energy efficiency

Energy Efficiency Optimized	**Energy efficient product**

Use Again

Repack and remanufacture

Take-back	**No**