

Product datasheet

Specifications



Galaxy VX 500kVA Scalable to 1250kVA 400V, Start up 5x8

GVX500K1250HS

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	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

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	320 cm
Depth	90 cm
Product weight	1956 kg
USB compatible	No

Input

Network frequency	40...70 Hz
Number of input connectors	1 hard wire 4-wire (3P + E)
Maximum input current	841 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
Input Power Factor at Full Load	1

Output

Maximum configurable power in W	1250 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	1250 kVA

Conformance

Product certifications	C-Tick CE
Standards	EN/IEC 62040-1 EN/IEC 62040-2 EN/IEC 62040-3 IBC 2012 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	82260 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	516 cm
Package 1 Weight	3737 kg

Offer Sustainability

EU RoHS Directive	Under investigation
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)