

# Product datasheet

Specifications

## Galaxy VX 1000kVA Scalable to 1250kVA 400V, Start up 5x8



GVX1000K1250HS

### Overview

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

### Main

<b>Main Input Voltage</b>	400 V 3 phases
<b>Other Input Voltage</b>	380 V 415 V 440 V
<b>Main Output Voltage</b>	400 V 3 phases
<b>Other Output Voltage</b>	380 V 415 V 440 V
<b>Rated power in W</b>	1000 kW
<b>Rated power in VA</b>	1000 kVA
<b>Battery type</b>	External battery system
<b>Provided equipment</b>	Installation guide Start-up service

### Batteries & Runtime

<b>Number of battery filled slots</b>	0
<b>Number of battery free slots</b>	0
<b>Battery voltage</b>	480 V
<b>Discharge battery voltage</b>	384 V DC
<b>Battery power in VAh</b>	0 VAh runtime
<b>Extended runtime</b>	0

### General

<b>Redundant</b>	No
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### Physical

<b>Colour</b>	White
<b>Height</b>	197 cm

<b>Width</b>	440 cm
<b>Depth</b>	90 cm
<b>Product weight</b>	2910 kg
<b>USB compatible</b>	No

## Input

<b>Network frequency</b>	40...70 Hz
<b>Number of input connectors</b>	1 hard wire 4-wire (3P + E)
<b>Maximum input current</b>	1702 A
<b>Max short time withstand current</b>	100 kA
<b>Input harmonic distortion</b>	Less than 3 % for full load
<b>Load power factor</b>	From 0.7 leading to 0.5 lagging without any derating
<b>Input Power Factor at Full Load</b>	1

## Output

<b>Maximum configurable power in W</b>	1250 kW
<b>Output frequency</b>	50 Hz sync to mains 60 Hz sync to mains 50 Hz +/- 0.1 % for 50 Hz nominal unsynchronised
<b>Crest factor</b>	3 with THC <5%
<b>Wave type</b>	Sine wave
<b>Output harmonic distortion</b>	< 2% linear load and < 3% non-linear load
<b>Output overload operation</b>	10 minutes at 125% and 60 seconds at 150%
<b>Maximum configurable power in VA</b>	1250 kVA

## Conformance

<b>Product certifications</b>	C-Tick CE
<b>Standards</b>	EN/IEC 62040-1 EN/IEC 62040-2 EN/IEC 62040-3 ETL IBC 2012 IEC 62040-4 ISTA 2B

## Environmental

<b>Ambient air temperature for operation</b>	0...40 °C
<b>Relative humidity</b>	0...95 % non-condensing
<b>Operating altitude</b>	0...3333 ft
<b>Ambient air temperature for storage</b>	-15...40 °C
<b>Storage Relative Humidity</b>	0...95 % non-condensing
<b>Storage altitude</b>	0.00...15240.00 m
<b>Acoustic level</b>	68 dBA
<b>Heat dissipation</b>	174332 Btu/h
<b>IP degree of protection</b>	IP20

## Communications & Management

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Free slots	2
Control panel	7" touch screen display

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## Packing Units

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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

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## Offer Sustainability

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EU RoHS Directive	Will be compliant – Date to be confirmed
Optimized Energy Efficiency	Energy efficient product

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## Contractual warranty

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