

Product datasheet

Specifications



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

GVX500K1250NHS

Overview

Presentation	A highly efficient, modular, 500 kVA scalable to 1250 kVA 3-phase UPS that provides the performance, flexibility, and maximized asset utilization today's large data centers and mission critical applications require. This EcoStruxure connected UPS features up to 99% efficiency in eConversion mode. Includes 5x8 start-up service.
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

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	240 cm
Depth	90 cm

Product weight	2030 kg
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USB compatible	No
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Input

Network frequency	40...70 Hz
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Number of input connectors	1 hard wire 4-wire (3P + E)
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Maximum input current	841 A
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Max short time withstand current	100 kA
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Input harmonic distortion	Less than 3 % for full load
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Load power factor	From 0.7 leading to 0.5 lagging without any derating
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Input Power Factor at Full Load	1
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Output

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

Product certifications	C-Tick CE
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Standards	EN/IEC 62040-1 EN/IEC 62040-2 EN/IEC 62040-3 IBC 2012 IEC 62040-4 ISTA 2B
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Environmental

Ambient air temperature for operation	0...40 °C
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Relative humidity	0...95 % non-condensing
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Operating altitude	0...3333 ft
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Ambient air temperature for storage	-15...40 °C
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Storage Relative Humidity	0...95 % non-condensing
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Storage altitude	0.00...15240.00 m
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Acoustic level	69.5 dBA
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Heat dissipation	80387 Btu/h
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IP degree of protection	IP20
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Communications & Management

Free slots	2
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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

China RoHS Regulation [China RoHS declaration](#)

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

Recommended replacement(s)