

Product datasheet

Specifications

Galaxy VX 500kVA N+1 Redundant UPS 400V, Start up 5x8



GVX750K500NHS

Overview

Presentation	A highly efficient, modular, 500 kVA N+1 3-phase UPS that provides the performance, flexibility, and maximized asset utilization today's large data centers and mission critical applications require. This EcoStruxure ready 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	Yes
------------------	-----

Physical

Colour	White
Height	197 cm
Width	300 cm
Depth	90 cm

Product weight	2570 kg
----------------	---------

USB compatible	No
----------------	----

Input

Network frequency	40...70 Hz
-------------------	------------

Maximum input current	851 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	500 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	500 kVA
----------------------------------	---------

Conformance

Product certifications	cUL listed C-Tick CE UL 1778 5th edition
------------------------	---

Standards	IBC 2012 IEC 62040-1-1 IEC 62040-2 IEC 62040-3 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	80387 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	391 cm
Package 1 Weight	3288 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)