



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

### GVX500K1250HS

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- Highly efficient, scalable, 3-phase power protection with flexible operating modes and eConversion for large facilities, data centers, and business critical applications.
- Includes: Installation guide, Start-up service

Output	
Output power capacity	500.0kWatts / 500.0kVA
Max Configurable Power (Watts)	1.25MWatts / 1.25MVA
Nominal Output Voltage	400V 3PH
Output Frequency (sync to mains)	50 Hz +/- 0.1 % For 50 Hz nominal Unsynchronised, 50 Hz Sync to mains, 60 Hz Sync to mains
Other Output Voltages	380 V, 415 V, 440 V
Load Crest Factor	3 with THC <5%
Waveform type	Sine wave
Overload Operation	10 minutes at 125% and 60 seconds at 150%
Output Voltage THD	< 2% linear load and < 3% non-linear load

Input	
Nominal Input Voltage	400V 3PH
Input frequency	40 - 70 Hz
Input Connections	Hard wire 4-wire (3P + E)
Input Total Harmonic Distortion	Less than 3 % for full load
Other Input Voltages	380 V, 415 V, 440 V
Maximum Short Circuit Withstand (Icw)	100.0kAmps
Maximum Input Current	841.0A
Input Power Factor at Full Load	1.0

Disclaimer: Documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user's applications.

## Technical Specifications

Batteries & Runtime	
Battery type	External battery system
Nominal Battery Voltage	480 V
End of Discharge Battery Voltage	384 V DC

Communications & Management	
Control panel	7" touch screen display
Available SmartSlot™ Interface Quantity	2

Physical	
Maximum Height	1970MM, 197.0CM
Maximum Width	3200MM, 320.0CM
Maximum Depth	900MM, 90.0CM
Net Weight	1956.0KG
Shipping weight	3737.0KG
Shipping Height	2150MM, 215.0CM
Shipping Width	1060MM, 106.0CM
Shipping Depth	5160MM, 516.0CM
Color	White

Environmental	
Operating Temperature	0 - 40 °C
Operating Relative Humidity	0 - 95 (Non-condensing) %
Operating Elevation	0 - 1015.9meters
Storage Temperature	-15 - 40 °C
Storage Relative Humidity	0 - 95 (Non-condensing) %
Storage Elevation	0 - 15240meters
Audible noise at 1 meter from surface of unit	69.5dBA
Online thermal dissipation	82260.0BTU/hr
Protection Class	IP20

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Conformance	
Approvals	C-Tick, CE, EN/IEC 62040-1, EN/IEC 62040-2, EN/IEC 62040-3, IBC 2012, IEC 62040-4, ISTA 2B
Standard warranty	1 year on-site repair or replace with factory authorized Start-Up

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