



### Overview

Description	Highly efficient, easy-to-deploy 50kW, 480V 3-phase UPS that brings best-in-class power protection and low total cost of ownership to edge, small and medium data centers, as well as to critical infrastructure in commercial and industrial applications. This UPS is for up to 4 smart modular high capacity battery strings, but is supplied without batteries, so you can easily customize the battery runtime. Includes 5x8 start-up service.
Model Name	Galaxy VS UPS 50kW 480V for up to 4 internal 9Ah smart modular battery strings, Start-up 5x8
Includes	Dust filter , EcoStruxure Ready ((UPS)) , Installation manual in Japanese , Integrated network management , Start-Up Service
Standard Lead Time	Usually Ships within 2 Weeks
Product Distribution	Anguilla , Antigua And Barbuda , Aruba , Bahamas , Barbados , Belize , Bermuda , Brazil , Canada , Colombia , Costa Rica , Cuba , Dominican Republic , Ecuador , El Salvador , Falkland Islands (Malvinas) , Guadeloupe , Guatemala , Guyana , Haiti , Honduras , Jamaica , Mexico , Netherlands Antilles , Nicaragua , Panama , Puerto Rico , Trinidad And Tobago , Turks And Caicos Islands , United States , Venezuela , VIRGIN ISLANDS (UNITED STATES)

### General

Bypass Voltage Tolerance	+/-10%
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### Output

Output Power Capacity	50.0 KW / 50.0 kVA
Max Configurable Power (Watts)	50.0 KW / 50.0 kVA
Nominal Output Voltage	480 3PH
Output Voltage Distortion	Less than 5%
Output Frequency (sync to mains)	50 Hz , 60 Hz
Crest Factor	2.5
Crest Factor	Double Conversion Online
Waveform Type	Sinewave
Output Voltage Tolerance	+/-1% after 50ms
Overload Operation	150% for 1 minute 125% for 10 minutes
Bypass	Built-in Static Bypass

### Input

Nominal Input Voltage	480 3PH
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Input voltage range for main operations	408 - 552 (480) V
Maximum Input Current	74 A
Maximum Short Circuit Withstand (I <sub>sc</sub> )	65.0
Input Total Harmonic Distortion	Less than 3% for full load

## Batteries & Runtime

Battery Type	VRLA
Nominal Battery Voltage	480VDC
End of Discharge Maximum Battery Current	135 A

## Communications & Management

Available SmartSlot™ Interface Quantity	1
Control panel	Touch Screen LCD User Interface
Audible Alarm	Audible and visible alarms prioritized by severity

## Physical

Maximum Height	1485.0 mm
Maximum Width	521.0 mm
Maximum Depth	847.0 mm
Net Weight	200.0 kg
Shipping Weight	200.0 kg
Shipping Height	1680.0 mm
Shipping Width	640.0 mm
Shipping Depth	990.0 mm
Color	Gloss level 85% , RAL 9003 , White

## Environmental

Operating Environment	0 - 40 °C
Operating Relative Humidity	0 - 95 (non-condensing) %
Operating Elevation	0-990 meters
Storage Temperature	-15 - 40 °C
Storage Relative Humidity	10 - 80 (non-condensing) %
Storage Elevation	0-3 meters
Audible noise at 1 meter from surface of unit	61.000 dB
Online Thermal Dissipation	5210.000 BTU/hr
Protection Class	IP 20

## Conformance

Approvals	CSA C22.2 NO. 107.3 , ENERGY STAR V2.0 (USA) , FCC Part 15 Class A , IEC 62040-1-1 , IEC 62040-2 , IEC 62040-3 , OSHPD , UL 1778 5th edition
Standard warranty	1 year on-site repair or replace with factory authorized Start-Up

## Sustainable Offer Status

RoHS	Compliant
REACH	REACH: Contains No SVHCs