

# GVSUPS50KR0B5HS

Galaxy VS UPS 50kW 400V with N+1 power module, for 5 smart modular 9Ah battery strings, Start-up 5x8



## Overview

Description	Highly efficient, easy-to-deploy 50kW, 400V 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 5 smart modular high capacity battery strings, but is supplied without batteries, so you can easily customize the battery runtime. Includes 5x8 start-up service and one additional power module for N+1 redundancy.
Model Name	Galaxy VS UPS 50kW 400V with N+1 power module, for 5 smart modular 9Ah 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	Afghanistan , Albania , Algeria , Andorra , Angola , Anguilla , Antigua And Barbuda , Argentina , Armenia , Aruba , Australia , Austria , Azerbaijan , Bahamas , Bahrain , Bangladesh , Barbados , Belarus , Belgium , Belize , Benin , Bermuda , Bhutan , Bolivia , Bosnia And Herzegovina , Botswana , Brazil , Brunei Darussalam , Bulgaria , Burkina Faso , Burundi , Cambodia , Cameroon , Cayman Islands , Central African Republic , Chad , Chile , China , Colombia , Congo , CONGO, THE DEMOCRATIC REPUBLIC OF THE , Cook Islands , Costa Rica , Cote D'Ivoire , Croatia , Cuba , Cyprus , Czech Republic , Denmark , Djibouti , Dominica , Dominican Republic , East Timor , Ecuador , Egypt , El Salvador , Equatorial Guinea , Eritrea , Estonia , Ethiopia , Falkland Islands (Malvinas) , Fiji , Finland , France , Gabon , Gambia , Georgia , Germany , Ghana , Gibraltar , Greece , Grenada , Guadeloupe , Guatemala , Guinea , Guyana , French Guiana , Haiti , Honduras , Hong Kong , Hungary , Iceland , India , Indonesia , Iran (Islamic Republic Of) , Iraq , Ireland , Israel , Italy , Jamaica , Japan , Jordan , Kazakhstan , Kenya , KOREA, REPUBLIC OF , Kuwait , Latvia , Lebanon , Lesotho , Liberia , Liechtenstein , Lithuania , Luxembourg , Macedonia , Madagascar , Malawi , Malaysia , Mali , Malta , Martinique , Mauritania , Mauritius , Mayotte , Mexico , Moldova, Republic Of , Mongolia , Morocco , Mozambique , Myanmar , Namibia , Nepal , Netherlands , Netherlands Antilles , New Zealand , Nicaragua , Niger , Nigeria , Norway , Oman , Pakistan , Panama , Papua New Guinea , Paraguay , Peru , Philippines , Poland , Portugal , Puerto Rico , Qatar , Reunion , Romania , Russian Federation , Rwanda , SAINT KITTS AND NEVIS , SAINT LUCIA , SAINT VINCENT AND THE GRENADINES , Saudi Arabia , Senegal , Sierra Leone , Singapore , Slovakia (Slovak Republic) , Slovenia , Somalia , South Africa , Spain , Sri Lanka , Sudan , Suriname , Sweden , Switzerland , Taiwan , Tajikistan , TANZANIA, UNITED REPUBLIC OF , Thailand , Togo , Trinidad And Tobago , Tunisia , Turkey , Turkmenistan , Turks And Caicos Islands , Uganda , Ukraine , United Arab Emirates , Uruguay , Uzbekistan , Venezuela , Viet Nam , VIRGIN ISLANDS (UNITED STATES) , Western Sahara , Yemen , Zambia , Zimbabwe

## Output

Output Power Capacity	50.0 KW / 50.0 kVA
Max Configurable Power (Watts)	50.0 KW / 50.0 kVA
Nominal Output Voltage	400 3PH

Output Voltage Distortion	Less than 3%
Output Frequency (sync to mains)	50 Hz , 60 Hz
Other Output Voltages	380, 415V
Crest Factor	2.5
Crest Factor	Double Conversion Online
Waveform Type	Sinewave
Output Voltage Tolerance	+/- 5% after 2ms and +/- 1% after 50ms
Output Voltage THD	<1% linear load and <3% non-linear load
Overload Operation	150% for 1 minute 125% for 10 minutes
Bypass	Built-in Static Bypass

## Input

Nominal Input Voltage	400 3PH
Input voltage range for main operations	340 - 460 (400V) V
Other Input Voltages	380 , 415
Maximum Input Current	90 A
Maximum Short Circuit Withstand (Icw)	65.0
Input Total Harmonic Distortion	Less than 6% for full load

## Batteries & Runtime

Battery Type	VRLA
Nominal Battery Voltage	480VDC
End of Discharge Battery Voltage	384
End of Discharge Maximum Battery Current	136 A

## Communications & Management

Control panel	Touch Screen LCD User Interface
Audible Alarm	Audible and visible alarms prioritized by severity

## Physical

Maximum Height	1970.0 mm
Maximum Width	550.0 mm
Maximum Depth	847.0 mm
Net Weight	250.0 kg
Shipping Weight	250.0 kg
Shipping Height	2082.0 mm
Shipping Width	755.0 mm
Shipping Depth	1010.0 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	54.000 dB

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Online Thermal Dissipation	5375.000 BTU/hr
Protection Class	IP 20

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### Conformance

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Approvals	FCC Part 15 Class A , IEC 62040-1-1 , IEC 62040-2 , OSHPD
Standard warranty	1 year on-site repair or replace with factory authorized Start-Up

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### Sustainable Offer Status

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RoHS	Compliant
REACH	REACH: Contains No SVHCs

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