

# Product data sheet

## Characteristics

# GVSUPS80KB5GS

Galaxy VS UPS 80kW 480V, 3 internal 9Ah smart modular battery strings, expandable to 5, Start-up 5x8



### Overview

Description	Highly efficient, easy-to-deploy 80kW, 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. Includes 5x8 start-up service and 3 smart modular high capacity battery strings, expandable to 5 strings for extended runtime. See the battery runtime chart for details.
Model Name	Galaxy VS UPS 80kW 480V, 3 internal 9Ah smart modular battery strings, expandable to 5, Start-up 5x8
Includes	Battery modules ship installed , 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 , Argentina , Aruba , Bahamas , Barbados , Belize , Bermuda , Bolivia , Brazil , Canada , Cayman Islands , Chile , Colombia , Costa Rica , Cuba , Dominica , Dominican Republic , Ecuador , El Salvador , Falkland Islands (Malvinas) , Grenada , Guadeloupe , Guatemala , Guyana , Haiti , Honduras , Jamaica , Mexico , Netherlands Antilles , Nicaragua , Panama , Paraguay , Peru , Puerto Rico , SAINT KITTS AND NEVIS , SAINT LUCIA , SAINT VINCENT AND THE GRENADINES , Trinidad And Tobago , Turks And Caicos Islands , United States , Uruguay , Venezuela , VIRGIN ISLANDS (UNITED STATES)

### Output

Output Power Capacity	80.0 KW / 80.0 kVA
Max Configurable Power (Watts)	80.0 KW / 80.0 kVA
Nominal Output Voltage	480 3PH
Output Voltage Distortion	Less than 3%
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
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

Disclaimer: This 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 applications

## Input

Nominal Input Voltage	480 3PH
Input voltage range for main operations	408 - 552 (480) V
Maximum Input Current	119 A
Maximum Short Circuit Withstand (Icw)	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	217 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	680.0 kg
Shipping Weight	705.0 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	65.000 dB
Online Thermal Dissipation	8334.000 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