

GVSUPS20KB2GS

Galaxy VS UPS 20kW 480V, 1 internal 7Ah smart modular battery string, expandable to 2, Start-up 5x8



Overview

Description	Highly efficient, easy-to-deploy 20kW, 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 1 smart modular battery string, expandable to 2 strings for extended runtime. Runtime charts available in the Documents tab.
Model Name	Galaxy VS UPS 20kW 480V, 1 internal 7Ah smart modular battery string, expandable to 2, Start-up 5x8
Includes	Dust filter , Installation guide , Integrated network management , Power modules ship installed , Start-Up Service , Top and bottom cable entry
Standard Lead Time	Usually Ships within 2 Weeks
Product Distribution	Antigua And Barbuda , Aruba , Bahamas , Barbados , Belize , Bermuda , Brazil , Canada , Colombia , Costa Rica , Cuba , Dominican Republic , Ecuador , El Salvador , Guatemala , 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%
--------------------------	--------

Output

Output Power Capacity	20.0 KW / 20.0 kVA
Max Configurable Power (Watts)	20.0 KW / 20.0 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	Sine wave
Output Connections	(1) Hard Wire 4-wire (3PH + G) (Battery Backup) , (1) Hard Wire 5-wire (3PH + N + G) (Battery Backup)
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
--------	------------------------

Input

Nominal Input Voltage	480 3PH
Input Frequency	40 - 70 Hz
Input Connections	Hard Wire 4-wire (3PH + G)
Input voltage range for main operations	408 - 552 (480) V
Maximum Input Current	30 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	480V
End of Discharge Battery Voltage	384 Vdc
End of Discharge Maximum Battery Current	54 A

Communications & Management

Interface Port(s)	GVSAIO_BypassCabinetCables_UL , GVSAIO_MBP_UL , GVS_350mm_AirFilter , GVS_350mm_Seismic
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	333.0 mm
Maximum Depth	847.0 mm
Net Weight	245.0 kg
Shipping Weight	270.0 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	0-984.3 meters
Storage Temperature	-15 - 40 °C
Storage Relative Humidity	10 - 80 (non-condensing) %
Storage Elevation	0-3000 meters
Audible noise at 1 meter from surface of unit	65.000 dB
Online Thermal Dissipation	2225.000 BTU/hr
Protection Class	IP 20

Conformance

Approvals	CSA C22.2 NO. 107.3 , FCC Part 15 Class A , IEC 60721-4-2 Level 2M2 , IEC 62040-3 , UL 1778 5th edition
Standard warranty	1 year on-site repair or replace with factory authorized Start-Up