

GVSUPS20KB4GS

Galaxy VS UPS 20kW 480V, 1 internal 9Ah smart modular battery string, expandable to 4, Start-up 5x8



Overview

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| 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 2 smart high-capacity modular battery strings, expandable to 4 strings for extended runtime. Runtime charts available in the Documents tab. |
| Model Name | Galaxy VS UPS 20kW 480V, 1 internal 9Ah smart modular battery string, expandable to 4, Start-up 5x8 |
| Includes | Battery modules ship installed , Dust filter , EcoStruxure Ready ((UPS)) , Installation guide , Integrated network management , Power modules ship installed , Start-Up Service |
| 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

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

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| 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 Frequency (sync to mains) | 50 Hz , 60 Hz |
| Crest Factor | 2.5 |
| Crest Factor | Double Conversion Online |
| Waveform Type | Sine wave |
| Output Voltage Tolerance | +/-1% after 50ms |
| 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

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|---|----------------------------|
| 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

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| Battery Type | VRLA |
| Nominal Battery Voltage | 480V |
| End of Discharge Battery Voltage | 384 Vdc |
| End of Discharge Maximum Battery Current | 54 A |

Communications & Management

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| 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

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|-----------------|------------------------------------|
| Maximum Height | 1485.0 mm |
| Maximum Width | 521.0 mm |
| Maximum Depth | 847.0 mm |
| Net Weight | 460.0 kg |
| Shipping Weight | 490.0 kg |
| Shipping Height | 1680.0 mm |
| Shipping Width | 640.0 mm |
| Shipping Depth | 990.0 mm |
| Color | Gloss level 85% , RAL 9003 , White |

Environmental

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|---|----------------------------|
| 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 | 55.000 dB |
| Online Thermal Dissipation | 2198.000 BTU/hr |
| Protection Class | IP 20 |

Conformance

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| 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 |
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