

## Technical Specifications



# Galaxy VS UPS 150kW 400V for external batteries, halogen-free cables, marine certified, Start-up 5x8

GVSUPS150KMHS

Call for More Information

- Highly efficient, fast-to-deploy 150kW, 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. Includes 5x8 start-up service and halogen-free cables. Marine certified.
- Includes: Dust filter, EcoStruxure IT ready (UPS), Installation guide, Integrated network management, Power modules ship installed, Start-up service

| Output                           |  |
|----------------------------------|--|
| Output power capacity            | 150.0kWatts / 150.0kVA   |
| Max Configurable Power (Watts)   | 150.0kWatts / 150.0kVA   |
| Nominal Output Voltage           | 400V 3PH   |
| Output Frequency (sync to mains) | 50 Hz +/- 0.1 % For 50 Hz nominal Unsynchronised, 50 Hz Sync to mains, 60 Hz +/- 0.1 % For 60 Hz nominal Unsynchronised, 60 Hz Sync to mains |
| Load Crest Factor                | 2.5  |
| Waveform type                    | Sine wave  |
| Overload Operation               | 10 minutes at 125% and 60 seconds at 150%  |
| Output Voltage THD               | < 1% linear load and < 5% non-linear load  |
| Output Voltage Tolerance         | +/-1% after 50ms   |
| Bypass                           | Built-in static bypass   |

| Input                                   |                             |
|---|-----------------------------|
| Nominal Input Voltage                   | 400V 3PH                    |
| Input frequency                         | 40 - 70 Hz                  |
| Input voltage range for main operations | 340 - 460 (400 V)V          |
| Input Total Harmonic Distortion         | Less than 3 % for full load |
| Other Input Voltages                    | 380 V, 415 V                |
| Maximum Short Circuit Withstand (Icw)   | 65.0kAmps                   |
| Maximum Input Current                   | 270.0A                      |

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| Batteries & Runtime                      |   |
|--|---|
| Battery type                             | External battery system, Li-Ion (Lithium-Ion), VRLA |
| Nominal Battery Voltage                  | 480...576 V DC                                      |
| End of Discharge Maximum Battery Current | 407.0A  |
| End of Discharge Battery Voltage         | 384 V DC  |

| Communications & Management |  |
|-----------------------------|--|
| Control panel               | Touch screen LCD user interface                    |
| Audible Alarm               | Audible and visible alarms prioritized by severity |

| Physical        |                 |
|-----------------|-----------------|
| Maximum Height  | 1485MM, 148.5CM |
| Maximum Width   | 52MM, 5.21CM    |
| Maximum Depth   | 847MM, 84.7CM   |
| Net Weight      | 290.0KG         |
| Shipping weight | 330.0KG         |
| Shipping Height | 1680MM, 168.0CM |
| Shipping Width  | 640MM, 64.0CM   |
| Shipping Depth  | 990MM, 99.0CM   |
| Color           | White           |

| Environmental                                 |                            |
|---|----------------------------|
| Operating Temperature                         | 0 - 40 °C                  |
| Operating Relative Humidity                   | 0 - 95 (Non-condensing) %  |
| Operating Elevation                           | 0 - 1005.84meters          |
| Storage Temperature                           | -25 - 55 °C                |
| Storage Relative Humidity                     | 10 - 80 (Non-condensing) % |
| Audible noise at 1 meter from surface of unit | 68.0dBA                    |
| Online thermal dissipation                    | 16900.0BTU/hr              |
| Protection Class                              | IP21                       |

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| Conformance       |   |
|-------------------|---|
| Approvals         | EN/IEC 62040-1, EN/IEC 62040-2, FCC part 15 class A, IEC 60721-4-2 level 2M2, UL 1778 5th edition |
| Standard warranty | 1 year on-site repair or replace with factory authorized Start-Up                                 |

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