Overview

Description | A highly compact, energy efficient, 65kAIC rated 3-phase UPS with parallel capability for data centers, facility and industrial applications.
Model Name | Galaxy VM 225 kVA UPS Parallel 480-480 V, 65kAIC, Start up 5x8
Includes | Dust filter, Installation guide, Seismic compliance, Start-Up Service, Top and bottom cable entry
Standard Lead Time | Usually Ships within 2 Weeks
Product Distribution | Anguilla, Antigua And Barbuda, Aruba, Bahamas, Barbados, Belize, Bermuda, Bolivia, Canada, Cayman Islands, Colombia, Costa Rica, Cuba, Dominica, Dominican Republic, Ecuador, El Salvador, Falkland Islands (Malvinas), Grenada, Guatemala, Guyana, Haiti, Honduras, Jamaica, Mexico, Netherlands Antilles, Nicaragua, Panama, Puerto Rico, SAINT CATHERINES AND NEVIS, SAINT LUCIA, SAINT VINCENT AND THE GRENADINES, Trinidad And Tobago, United States, Venezuela, VIRGIN ISLANDS (UNITED STATES)

General

Bypass Voltage Tolerance | +/-10% settable from +/-4/6/8 and 10%
Max Bypass Input Current | 350 A
Bypass Protection Device | 400 A

Output

Output Power Capacity | 202.5 KW / 225.0 kVA
Max Configurable Power (Watts) | 202.5 KW / 225.0 kVA
Nominal Output Voltage | 480 3PH
Output Voltage Distortion | Less than 2%
Output Frequency (sync to mains) | 50/60 Hz +/-1 Hz
Crest Factor | Unlimited
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% static and +/- 3% at 100% load step
Output Voltage THD | < 2% linear load and <3% non-linear load
Overload Operation | 10 minutes @ 125% and 60 seconds @ 150%
Neutral Output Current | 244 A
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 Frequency**: 40 - 70 Hz
- **Input Connections**: Hard Wire 3-wire (3PH + G)
- **Input voltage range for main operations**: 360 - 576 (480) V
- **Input voltage adjustable range for mains operation**: 360 - 576 (480)V
- **Maximum Input Current**: 347 A
- **Input Breaker Capacity**: 600 A
- **Maximum Short Circuit Withstand (Icw)**: 65.0 A
- **Input Total Harmonic Distortion**: Less than 3% for full load
- **Type of Input Protection Required**: 3-pole breaker

### Batteries & Runtime
- **Battery Type**: No internal battery - uses external battery system
- **Nominal Battery Voltage**: 480V
- **End of Discharge Battery Voltage**: 384 V
- **Maximum Available Short Circuit Current**: 65 kA
- **Efficiency in Battery Operation**: 95.50 %
- **End of Discharge Maximum Battery Current**: 549 A
- **Overload Operation**: 60 seconds @ 125% and 30 seconds @ 150%

### Communications & Management
- **Available SmartSlot™ Interface Quantity**: 2
- **Control panel**: 7" Touch Screen Display
- **Audible Alarm**: Audible and visible alarms prioritized by severity
- **Emergency Power Off (EPO)**: Optional

### Physical
- **Maximum Height**: 1970.0 mm
- **Maximum Width**: 1002.0 mm
- **Maximum Depth**: 854.0 mm
- **Net Weight**: 704.0 kg
- **Shipping Weight**: 745.0 kg
- **Shipping Height**: 2156.0 mm
- **Shipping Width**: 1490.0 mm
- **Shipping Depth**: 1060.0 mm
- **Color**: White

### Environmental
- **Operating Environment**: 0 - 40 °C
- **Operating Relative Humidity**: 0 - 95 %
- **Operating Elevation**: 0-999.9 meters
- **Storage Temperature**: -15 - 40 °C
- **Storage Relative Humidity**: 0 - 95 %
- **Storage Elevation**: 0-14763.6 meters
| **Audible noise at 1 meter from surface of unit**  | 65.000 dB |
|**Online Thermal Dissipation** | 27670.000 BTU/hr |
|**Protection Class** | IP 20 |

**Conformance**

| **Approvals** | EN/IEC 62040-3 , ENERGY STAR V2.0 (USA) , FCC Part 15 Class A , IBC 2012 and CBC2013 to Sds=2.02g , OSHPD , UL 1778 , cUL Listed |
| **Standard warranty** | 1 year on-site repair or replace with factory authorized Start-Up |