



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 KITTS 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

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
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
Included Battery Modules	0
Battery Slots Empty	0
Typical recharge time	0 hour(s)
RBC Quantity	0
Nominal Battery Voltage	480V
End of Discharge Battery Voltage	384
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	77.56 inches (1970.0 mm)
Maximum Width	39.46 inches (1002.0 mm)
Maximum Depth	33.62 inches (854.0 mm)
Rack Height	0 U
Net Weight	1548.8 lbs (704.0 kg)
Shipping Weight	1642.45 lbs (745.0 kg)
Shipping Height	84.88 inches (2156.0 mm)
Shipping Width	58.66 inches (1490.0 mm)
Shipping Depth	41.73 inches (1060.0 mm)
Master Carton Units	0.0
Master Carton Weight	0.0 lbs
Color	White
Units per Pallet	0.0

Environmental

Operating Environment	32 - 104 °F (0 - 40 °C)
Operating Relative Humidity	0 - 95 %
Operating Elevation	0-3333 feet (0-999.9 meters)
Storage Temperature	5 - 104 °F (-15 - 40 °C)
Storage Relative Humidity	0 - 95 %
Storage Elevation	0-49212 feet (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 V1.0 (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