



Overview

Description	A versatile 3-phase UPS for facility, industrial and data center applications. Configurable system with a comprehensive range of accessories to meet your application demands.
Model Name	MGE Galaxy 5500 100kVA 400V Integrated Parallel UPS, Start-up 5x8
Includes	Installation guide , Network Management Card , Start-Up Service , User Manual
Standard Lead Time	Usually Ships within 2 Weeks
Product Distribution	Afghanistan , Australia , Bangladesh , Bhutan , Brunei Darussalam , Cambodia , Cook Islands , East Timor , Fiji , India , Indonesia , KOREA, REPUBLIC OF , Malaysia , Myanmar , Nepal , New Zealand , Papua New Guinea , Philippines , Singapore , Sri Lanka , Thailand , Viet Nam

General

Bypass Voltage Tolerance	+/-10% settable from +/-4/6/8 and 10%
Max Bypass Input Current	144 A

Output

Output Power Capacity	90.0 KW / 100.0 kVA
Max Configurable Power (Watts)	90.0 KW / 100.0 kVA
Nominal Output Voltage	400 3PH
Output Voltage Note	Configurable for 380 : 400 or 415 V 3 Phase nominal output voltage
Output Voltage Distortion	Less than 2%
Output Frequency (sync to mains)	50/60 Hz +/- 3 Hz user adjustable +/- 0.1
Other Output Voltages	380, 400, 415V
Crest Factor	3 : 1
Crest Factor	Double Conversion Online
Waveform Type	Sine wave
Output Connections	(1) Hard Wire 4-wire (3PH + N) (Battery Backup)
Output Voltage Tolerance	+/-1% static and +/- 5% at 100% load step
Output Voltage THD	< 1% linear load and < 2.5% nonlinear load
Overload Operation	10 minutes @ 125% and 60 seconds @ 150%
Required Output Current Protection	144 A
Neutral Output Current	217 A
Bypass	Built-in Maintenance Bypass , Built-in Static Bypass , Optional External 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	400 3PH
Input Frequency	45 - 65 Hz
Input voltage range for main operations	, 340 - 460 (400V) V , 353 - 477 (415V) V
Other Input Voltages	385 , 415
Maximum Input Current	190 A
Input Breaker Capacity	315 A
Maximum Short Circuit Withstand (Icw)	30.0
Input Total Harmonic Distortion	Less than 3% for full load
Type of Input Protection Required	gL fuse

Batteries & Runtime

Battery Type	No internal battery - uses external battery system
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Communications & Management

Available SmartSlot™ Interface Quantity	2
Pre-Installed SmartSlot™ Cards	AP9635
Control panel	Multi-function LCD status and control console
Emergency Power Off (EPO)	Yes

Physical

Maximum Height	1900.0 mm
Maximum Width	712.0 mm
Maximum Depth	855.0 mm
Net Weight	520.0 kg
Shipping Weight	540.0 kg
Shipping Height	2030.0 mm
Shipping Width	980.0 mm
Shipping Depth	960.0 mm
Master Carton Units	1.0

Environmental

Operating Environment	0 - 40 °C
Operating Relative Humidity	0 - 95 %
Operating Elevation	0-999.9 meters
Storage Temperature	-20 - 45 °C
Storage Relative Humidity	0 - 95 %
Storage Elevation	0-3000 meters
Audible noise at 1 meter from surface of unit	61.000 dB
Online Thermal Dissipation	23549.000 BTU/hr

Conformance

Approvals	CE , EN/IEC 62040-1 , EN/IEC 62040-2 , EN/IEC 62040-3 , IEC 62040-1-2 , IEC 62040-2 , TUV
Standard warranty	1 year (parts only) , 1 year on-site repair or replace with factory authorized Start-Up

Sustainable Offer Status

Battery Directive	Compliant
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