



MGE Galaxy 5000 100 kVA

G5TUPS100

Call for More Information 800-800-4272

- 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.
- Includes: Installation guide, User manual

Output	
Output power capacity	90.0kWatts / 100.0kVA
Max Configurable Power (Watts)	90.0kWatts / 100.0kVA
Nominal Output Voltage	480V 3PH
Neutral Output Current	217A
Output Voltage Distortion	Less than 2 %
Output Frequency (sync to mains)	50 Hz Programmable +/- 0.5 / 1 / 2 / 4 / 6 / 8 % Sync to mains, 60 Hz +/- 0.1 % For 60 Hz nominal Unsynchronised, 60 Hz Sync to mains
Load Crest Factor	3 : 1
Topology	Double conversion online
Waveform type	Sine wave
Overload Operation	10 minutes at 125% and 60 seconds at 150%
Output Connections	(1) Hard wire 4-wire (3P + E) (1) Hard wire 5-wire (3P + N + E)
Output Voltage Tolerance	+/- 1% static and +/- 2 % at 100% load step
Bypass	Built-in maintenance bypass, Built-in static bypass, Optional external bypass

Input	
Nominal Input Voltage	480V 3PH
Input frequency	45 - 65 Hz
Input Connections	Hard wire 4-wire (3P + E), Hard wire 5-wire (3P + N + E)
Input voltage range for main operations	408 - 552 (480 V)V
Input Total Harmonic Distortion	Less than 3 % for full load

Disclaimer: 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's applications.

Technical Specifications

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Input	
Type of Input Protection Required	3-pole circuit breaker
Maximum Short Circuit Withstand (Icw)	30.0kAmps
Maximum Input Current	150.0A
Input Power Factor at Full Load	0.98

Batteries & Runtime	
Battery type	External battery system
Efficiency	View Efficiency Graph (Available in Technical Tab on site)

Communications & Management	
Control panel	Multifunction LCD status and control console
Emergency Power Off (EPO)	Optional
Available SmartSlot™ Interface Quantity	3

Physical	
Maximum Height	74.8inches (1900MM, 190.0CM)
Maximum Width	28.03inches (712MM, 71.2CM)
Maximum Depth	33.39inches (848MM, 84.8CM)
Net Weight	1190.49lbs. (540.0KG)
Shipping weight	1190.49lbs. (540.0KG)
Shipping Height	79.92inches (2030MM, 203.0CM)
Shipping Width	38.58inches (980MM, 98.0CM)
Shipping Depth	37.8inches (960MM, 96.0CM)
Color	Charcoal

Environmental	
Operating Temperature	32 - 104 °F (0 - 40 °C)
Operating Relative Humidity	0 - 95 (Non-condensing) %
Operating Elevation	0 - 3333ft (0 - 1015.9meters)
Storage Temperature	-20 - 45 °C
Storage Relative Humidity	0 - 95 (Non-condensing) %

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Environmental	
Storage Elevation	0 - 40000ft (0 - 12192meters)
Audible noise at 1 meter from surface of unit	65.0dBA
Online thermal dissipation	17880.0BTU/hr
Protection Class	IP20

Conformance	
Approvals	CUL listed, EN/IEC 62040-1, EN/IEC 62040-2, EN/IEC 62040-3, FCC part 15 class A, ISO 9001, UL 1778
Standard warranty	1 year on-site repair or replace with factory authorized Start-Up, 1 year (parts only)

General	
Max Bypass Input Current	169.0A

