

Product data sheet

Specifications



MGE Galaxy 5000 50 kVA

G5TUPS50

⚠ Discontinued on: Mar 22, 2024

⚠ To be end-of-service on: Dec 31, 2030

⚠ Discontinued - Service only

Overview

Presentation	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.
Lead Time	Usually Ships within 3 Weeks

Main

Main Input Voltage	480 V 3 phases 600 V 3 phases
Main Output Voltage	480 V 3 phases 600 V 3 phases
Other Output Voltage	208 V 220 V
Rated Power In W	45000 W
Rated Power In Va	50000 VA
Output Connector Type	Hard wire 4-wire (3P + E) 1 Hard wire 5-wire (3P + N + E) 1
Battery Type	External battery system
Provided Equipment	Installation guide User manual

Batteries & Runtime

Number Of Battery Filled Slots	0
Number Of Battery Free Slots	0
Battery Power In Vah	0 VAh runtime
Extended Runtime	0

General

Bypass Wiring Configuration	4 wire (3P + N)
Number Of Power Module Free Slots	0
Number Of Power Module Filled Slots	0
Redundant	No

Physical

Colour	Grey
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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

Height	190 cm
Width	71.2 cm
Depth	84.8 cm
Net Weight	400 kg
Mounting Preference	No preference
Usb Compatible	No

Input

Network Frequency	60 Hz +/- 5 Hz
Number Of Input Connectors	1 hard wire 4-wire (3P + E)
Input Voltage Limits	408...528 V
Maximum Input Current	59 A
Max Short Time Withstand Current	20 kA
Input Harmonic Distortion	Less than 3 % for full load
Input Protection Type	3-pole circuit breaker
Load Power Factor	0.9
Input Power Factor At Full Load	1

Output

Maximum Configurable Power In W	45000 W
Output Frequency	60 Hz sync to mains 60 Hz +/- 0.1 % for 60 Hz nominal unsynchronised
Wave Type	Sine wave
Output Harmonic Distortion	< 2% linear load and < 3% non-linear load
Bypass Type	Internal bypass (automatic and manual) Optional external bypass
Maximum Output Current	190 A
Maximum Configurable Power In Va	80000 VA

Conformance

Product Certifications	cUL listed FCC part 15 class A UL 1778
Standards	EN/IEC 62040-1-1 EN/IEC 62040-2 EN/IEC 62040-3 IEC 62040-1-2 IEC 62040-2 ISO 9001

Environmental

Ambient Air Temperature For Operation	0...40 °C
Relative Humidity	0...95 %
Operating Altitude	0...3333 ft
Ambient Air Temperature For Storage	-20...45 °C
Storage Relative Humidity	0...95 %

Storage Altitude	0.00...9144.00 m
Acoustic Level	65 dBA
Heat Dissipation	11021 Btu/h

Communications & Management

Free Slots	3
Control Panel	Multifunction LCD status and control console
Emergency Power Off	Optional

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	203.2 cm
Package 1 Width	96 cm
Package 1 Length	97.8 cm
Package 1 Weight	420 kg

Contractual warranty

Warranty	1 year repair or replace
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