

# Product data sheet

Specifications



## MGE Galaxy 5000 120 kVA

G5TUPS120

⚠ Discontinued on: Jul 5, 2021

⚠ End-of-service on: Oct 18, 2023

⚠ Discontinued

### 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 2 Weeks

### Main

Main Input Voltage	400 V 3 phases
Other Input Voltage	380 V 400 V 415 V
Main Output Voltage	400 V 3 phases
Other Output Voltage	380 V 400 V 415 V
Rated Power In W	108000 W
Rated Power In Va	120000 VA
Output Connector Type	Hard wire 4-wire (3P + E) 1
Battery Type	External battery system
Provided Equipment	Installation guide User manual

### Batteries & Runtime

Efficiency	<a href="#">View Efficiency Graph</a>
Number Of Battery Filled Slots	0
Number Of Battery Free Slots	0
Additional Information	Configurable for 380 : 400 or 415 V 3 Phase nominal output voltage
Battery Power In Vah	0 VAh runtime
Extended Runtime	0

### General

Max Bypass Input Current	173 A
Number Of Power Module Free Slots	0
Number Of Power Module Filled Slots	0
Redundant	No

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

## Physical

Colour	Charcoal
Height	190 cm
Width	71.2 cm
Depth	85.5 cm
Net Weight	520 kg
Mounting Preference	No preference
Usb Compatible	No

## Input

Network Frequency	45...65 Hz
Number Of Input Connectors	1 hard wire 4-wire (3P + E)
Input Voltage Limits	323...437 V 380 V 340...460 V 400 V 353...477 V 415 V
Maximum Input Current	228 A
Switching Current Capacity	315 A
Max Short Time Withstand Current	30 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	108000 W
Harmonic Distortion	Less than 2 %
Output Frequency	50/60 Hz +/- 3 Hz user adjustable +/- 0.1 Hz sync to mains 60 Hz +/- 0.1 % for 60 Hz nominal unsynchronised 50 Hz +/- 0.1 % for 50 Hz nominal unsynchronised
Crest Factor	3 : 1
Wave Type	Sine wave
Output Voltage Tolerance	+/- 1% static and +/- 2 % at 100% load step
Output Harmonic Distortion	< 1% linear load and < 2.5% non-linear load
Output Overload Operation	10 minutes at 125% and 60 seconds at 150%
Required Output Current Protection	173 A
Neutral Output Current	260 A
Bypass Type	Internal bypass (automatic and manual) Optional external bypass
Maximum Output Current	480 A
Maximum Configurable Power In Va	120000 VA

## Conformance

Product Certifications	cUL listed CE FCC part 15 class A TÜV UL 1778 VDE
Standards	EN/IEC 62040-1-1 EN/IEC 62040-3 IEC 60950 IEC 61000-3-3 IEC 62040-1-2 IEC 62040-2 ISO 14001 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...3048.00 m
Acoustic Level	63 dBA
Heat Dissipation	28663 Btu/h

## Communications & Management

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

## Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	203 cm
Package 1 Width	96 cm
Package 1 Length	98 cm
Package 1 Weight	540 kg

## Contractual warranty

Warranty	1 year on-site repair or replace with factory authorized Start-Up, 1 year (parts only)
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# Sustainability

**Green Premium™ label** is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO<sub>2</sub> products.

**Guide to assessing product sustainability** is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

[Learn more about Green Premium >](#)

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Eu Rohs Directive

Will be compliant – Date to be confirmed

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