

# Product data sheet

Specifications



## MGE Galaxy 5000 40 kVA

G5TUPS40

⚠ 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 480 V 3 phases 600 V 3 phases
Other Input Voltage	380 V 400 V 415 V 480 V 600 V
Main Output Voltage	400 V 3 phases 480 V 3 phases 600 V 3 phases
Other Output Voltage	208 V 220 V 380 V 400 V 415 V 600 V
Rated power in W	36000 W
Rated power in VA	40000 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

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

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

## General

Number of power module free slots	0
Number of power module filled slots	0
Redundant	No

## Physical

Colour	Charcoal
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	45...65 Hz
Number of input connectors	1 hard wire 4-wire (3P + E)
Input voltage limits	340...460 V 400 V 408...538 V
Maximum input current	77 A
Switching current capacity	125 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	36000 W
Harmonic distortion	Less than 2 %
Output frequency	50 Hz programmable +/- 0.5 / 1 / 2 / 4 / 6 / 8 % sync to mains 60 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%
Neutral output current	87 A
Bypass type	Internal bypass (automatic and manual) Optional external bypass
Maximum output current	190 A

Maximum configurable power in VA	40000 VA
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## Conformance

Product certifications	CE TÜV VDE
Standards	EN/IEC 62040-1-1 EN/IEC 62040-3 IEC 60950 IEC 61000-3-2 IEC 61000-3-3 EN 61000-4-5 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	0.0000000000...3048.0000000000 m
Acoustic level	66 dBA
heat dissipation	8974 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 cm
Package 1 Width	96 cm
Package 1 Length	98 cm
Package 1 Weight	420 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 >](#)

[Guide to assess a product's sustainability >](#)

Eu Rohs Directive	Not applicable, out of EU RoHS legal scope
California Proposition 65	WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>