

# Product data sheet

Specifications



## MGE Galaxy 5500 100kVA 400V Integrated Parallel UPS, Start-up 5x8

G55TUPSM100HS

! Discontinued

! Discontinued on: Jul 5, 2021

! End-of-service on: Oct 18, 2023

### 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 415 V
Main Output Voltage	400 V 3 phases
Other Output Voltage	380 V 415 V
Rated power in W	90000 W
Rated power in VA	100000 VA
Output connector type	Hard wire 4-wire (3P + E) 1
Battery type	External battery system
Provided equipment	Installation guide Network management card Start-up service User manual

### Batteries & Runtime

Run Time	<a href="#">View Runtime Graph</a>
Number of battery filled slots	0
Number of battery free slots	0
Battery recharge time	10 h
Additional information	Battery runtimes are estimates only. Configurable for 380 : 400 or 415 V 3 Phase nominal output voltage
Battery voltage	432 V
Battery power in VAh	0 VAh runtime
Battery life	8...10 year(s)
Battery graph comments	Estimated runtimes based on battery vendor data, at typical environmental conditions, with no electrical input and balanced PF = 0.8 output.
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

Bypass voltage tolerance	+/- 10 % settable from +/- 4/6/8 and 10 %
Max bypass input current	144 A
Number of power module free slots	0
Number of power module filled slots	0
Redundant	No

## Physical

Height	190 cm
Width	71.2 cm
Depth	85 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) 1 hard wire 4-wire (3P + N)
Input voltage limits	250...470 V adjustable 323...437 V 380 V 340...460 V 400 V 353...477 V 415 V
Maximum input current	145 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
Inrush current	200 A peak
Load power factor	0.9
Input Power Factor at Full Load	1

## Output

Maximum configurable power in W	90000 W
Harmonic distortion	Less than 2 %
Output frequency	50/60 Hz +/- 3 Hz user adjustable +/- 0.1 Hz sync to mains 50/60 Hz +/- 1 Hz unsynchronised
Crest factor	3 : 1
Wave type	Sine wave
Output voltage tolerance	+/- 2% static and 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	80 A

Neutral output current	145 A
Bypass type	Built-in maintenance bypass Built-in static bypass Optional external bypass
Efficiency	93.6 % (full load) 93.1 % (half load)
Maximum output current	480 A
Maximum configurable power in VA	100000 VA

## Conformance

Product certifications	CE TÜV VDE
Standards	IEC 62040-1-2 EN/IEC 62040-2 EN/IEC 62040-3 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...12192.0000000000 m
Acoustic level	61.4 dBA
heat dissipation	23549 Btu/h
IP degree of protection	IP20

## Communications & Management

Free slots	2
Preinstalled device	Network management card 2 with environmental monitoring, out of band access and Modbus
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.

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**Eu Rohs Directive**

Will be compliant – Date to be confirmed

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