

# Product data sheet

Specifications



## MGE Galaxy 5500 20kVA 400-415V Integrated Parallel UPS Off Shore IP22 RAL 7035, Start-up 5X8

G55TUPM20HXS

! Discontinued - Service only

! Discontinued on: Sep 6, 2021

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

### Overview

Presentation	UPS is designed to meet the offshore standard requirement.
Lead Time	Special Order - Call for Quoted Lead Times

### 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	18000 W
Rated Power In Va	20000 VA
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
Additional Information	Configurable for 400 or 415 V 3 Phase nominal output voltage
Battery Charger Power	5600 W rated
Battery Power In Vah	56 VAh runtime
Battery Life	8...10 year(s)
Battery Option	G55TE-BB20K30 1 23011 VAh
Extended Runtime	0

### General

Bypass Wiring Configuration	4 wire (3P + N) 5 wire (3P + N + E)
Bypass Voltage Tolerance	+/- 10 % settable from +/- 4/6/8 and 10 %
Max Bypass Input Current	29 A

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

Bypass Current Protection	100 A
Number Of Power Module Free Slots	0
Number Of Power Module Filled Slots	0
Redundant	No

## Physical

Colour	Light grey
Height	218 cm
Width	71.2 cm
Depth	85.5 cm
Net Weight	456 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	42 A
Switching Current Capacity	125 A
Max Short Time Withstand Current	20 kA
Input Harmonic Distortion	Less than 5 % for full load
Input Protection Type	GL fuse
Load Power Factor	0.9
Input Power Factor At Full Load	1

## Output

Maximum Configurable Power In W	18000 W
Harmonic Distortion	Less than 2 %
Output Frequency	50 Hz programmable +/- 0.5 / 1 / 2 / 4 / 6 / 8 % sync to mains 50 Hz +/- 0.1 % for 50 Hz nominal 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	29 A
Neutral Output Current	43 A
Bypass Type	Built-in maintenance bypass Built-in static bypass Optional external bypass

Efficiency	87 % (full load) 80 % (half load)
Maximum Output Current	190 A
Maximum Configurable Power In Va	20000 VA

## Conformance

Product Certifications	CE TÜV VDE
Standards	EN/IEC 62040-1 EN/IEC 62040-2 EN/IEC 62040-3 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...3657.60 m
Acoustic Level	65 dBA
Ip Degree Of Protection	IP20 IP32

## Communications & Management

Free Slots	3
Preinstalled Device	Network management card 2 with environmental monitoring, out of band access and Modbus - Schneider
Control Panel	Multifunction LCD status and control console
Emergency Power Off	Yes

## Packing Units

Package 1 Height	230 cm
Package 1 Width	108 cm
Package 1 Length	120 cm
Package 1 Weight	480 kg
Number Of Units In Package 2	1
Number Of Units In Package 3	1

## Contractual warranty

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

## Sustainability

**Green Premium™ label** 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- 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 >](#)

Eu Rohs Directive

Under investigation

---