

# G55TUPSU40HB10S

## MGE Galaxy 5500 40KVA 400V Single UPS 10 Minutes, Start-up 5x8



### Overview

Description	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.
Model Name	MGE Galaxy 5500 40KVA 400V Single UPS 10 Minutes, Start-up 5x8
Includes	Installation guide , Network Management Card , Start-Up Service , User Manual
Standard Lead Time	Usually Ships within 2 Weeks
Product Distribution	Albania , Algeria , Andorra , Angola , Anguilla , Antigua And Barbuda , Argentina , Armenia , Aruba , Austria , Azerbaijan , Bahamas , Bahrain , Barbados , Belarus , Belgium , Belize , Benin , Bermuda , Bolivia , Bosnia And Herzegovina , Botswana , Brazil , Bulgaria , Burkina Faso , Burundi , Cameroon , Cayman Islands , Central African Republic , Chad , Chile , Congo , CONGO, THE DEMOCRATIC REPUBLIC OF THE , Costa Rica , Cote D'Ivoire , Croatia , Cuba , Cyprus , Czech Republic , Denmark , Djibouti , Dominica , Dominican Republic , Ecuador , Egypt , El Salvador , Equatorial Guinea , Eritrea , Estonia , Ethiopia , Falkland Islands (Malvinas) , Finland , France , Gabon , Gambia , Georgia , Germany , Ghana , Gibraltar , Greece , Grenada , Guadeloupe , Guatemala , Guinea , Guyana , French Guiana , Haiti , Honduras , Hungary , Iceland , Iran (Islamic Republic Of) , Iraq , Ireland , Israel , Italy , Jamaica , Jordan , Kazakhstan , Kenya , Kuwait , Latvia , Lebanon , Lesotho , Liberia , Liechtenstein , Lithuania , Luxembourg , Macedonia , Madagascar , Malawi , Mali , Malta , Martinique , Mauritania , Mauritius , Mayotte , Moldova, Republic Of , Mongolia , Morocco , Mozambique , Namibia , Netherlands , Netherlands Antilles , Nicaragua , Niger , Nigeria , Norway , Oman , Pakistan , Panama , Paraguay , Peru , Poland , Portugal , Puerto Rico , Reunion , Romania , Russian Federation , Rwanda , SAINT KITTS AND NEVIS , SAINT LUCIA , SAINT VINCENT AND THE GRENADINES , Saudi Arabia , Senegal , Sierra Leone , Slovakia (Slovak Republic) , Slovenia , Somalia , South Africa , Spain , Sudan , Suriname , Sweden , Switzerland , Tajikistan , TANZANIA, UNITED REPUBLIC OF , Togo , Trinidad And Tobago , Tunisia , Turkey , Turkmenistan , Turks And Caicos Islands , Uganda , Ukraine , United Arab Emirates , Uruguay , Uzbekistan , Venezuela , VIRGIN ISLANDS (UNITED STATES) , Western Sahara , Yemen , Zambia , Zimbabwe

### General

Bypass Voltage Tolerance	+/-10% settable from +/-4/6/8 and 10%
Max Bypass Input Current	58 A

### Output

Output Power Capacity	36.0 KW / 40.0 kVA
Max Configurable Power (Watts)	36.0 KW / 40.0 kVA
Nominal Output Voltage	400 3PH
Output Voltage Note	Configurable for 380 : 400 or 415 V 3 Phase nominal output voltage
Output Voltage Distortion	Less than 2%

Output Frequency (sync to mains)	50/60 Hz +/- 3 Hz user adjustable +/- 0.1
Other Output Voltages	380, 415V
Crest Factor	3 : 1
Crest Factor	Double Conversion Online
Waveform Type	Sine wave
Output Connections	(1) Hard Wire 4-wire (3PH + G) (Battery Backup)
Output Voltage Tolerance	+/-1% static and +/- 5% at 100% load step
Output Voltage THD	< 1% linear load and < 2.5% nonlinear load
Overload Operation	10 minutes @ 125% and 60 seconds @ 150%
Required Output Current Protection	58 A
Bypass	Built-in Maintenance Bypass , Built-in Static Bypass , Optional External Bypass

## Input

Nominal Input Voltage	400 3PH
Input Frequency	45 - 65 Hz
Input Connections	Hard Wire 4-wire (3PH + G) , Hard Wire 4-wire (3PH + N)
Input voltage range for main operations	323 - 437 (380V) V , 340 - 460 (400V) V , 353 - 477 (415V) V
Other Input Voltages	380 , 415
Maximum Input Current	77 A
Input Breaker Capacity	125 A
Maximum Short Circuit Withstand (Icw)	20.0
Input Total Harmonic Distortion	Less than 5% for full load
Type of Input Protection Required	GL fuse

## Batteries & Runtime

Battery Type	VRLA
Typical recharge time	10 hour(s)
Nominal Battery Voltage	432V

## Communications & Management

Available SmartSlot™ Interface Quantity	2
Pre-Installed SmartSlot™ Cards	AP9635
Control panel	Multi-function LCD status and control console
Emergency Power Off (EPO)	Yes

## Physical

Maximum Height	1900.0 mm
Maximum Width	1110.0 mm
Maximum Depth	855.0 mm
Net Weight	958.0 kg
Shipping Height	2030.0 mm
Shipping Width	1130.0 mm
Shipping Depth	960.0 mm

## Environmental

Operating Environment	0 - 40 °C
Operating Relative Humidity	0 - 95 %
Operating Elevation	0-999.9 meters
Storage Temperature	-20 - 45 °C

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Storage Relative Humidity	0 - 95 %
Storage Elevation	0-12000 meters
Audible noise at 1 meter from surface of unit	55.500 dB

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### Conformance

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Approvals	CE , EN/IEC 62040-3 , IEC 62040-1-2 , IEC 62040-2 , ISO 9001 , TUV , VDE
Standard warranty	1 year (parts only) , 1 year on-site repair or replace with factory authorized Start-Up

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