

# G55TUPSU20HB30S

## MGE Galaxy 5500 20KVA 400V Single UPS BACK UP INCL T4, 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 20KVA 400V Single UPS BACK UP INCL T4, Start-up 5x8
Includes	Installation guide , 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	29 A

### Output

Output Power Capacity	18.0 KW / 20.0 kVA
Max Configurable Power (Watts)	18.0 KW / 20.0 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	2.5 : 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	29 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	42 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
Included Battery Modules	0
Battery Slots Empty	0
Typical recharge time	10 hour(s)
RBC Quantity	0
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	850.0 mm
Rack Height	0 U
Net Weight	888.0 kg
Shipping Weight	1065.0 kg
Shipping Height	2030.0 mm
Shipping Width	1130.0 mm
Shipping Depth	960.0 mm
Master Carton Units	0.0

Master Carton Weight	0.0 lbs
Units per Pallet	0.0

### Environmental

Operating Environment	0 - 40 °C
Operating Relative Humidity	0 - 95 %
Operating Elevation	0-999.9 meters
Storage Temperature	-20 - 45 °C
Storage Relative Humidity	0 - 95 %
Storage Elevation	0-12000 meters
Audible noise at 1 meter from surface of unit	55.500 dB

### Conformance

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