

# G55TUPU80HXS

MGE Galaxy 5500 80kVA 400-415V Single UPS  
Off Shore IP22 RAL 7035, Start-up 5X8



## Overview

Description	UPS is designed to meet the offshore standard requirement.
Model Name	MGE Galaxy 5500 80kVA 400-415V Single UPS Off Shore IP22 RAL 7035, Start-up 5X8
Includes	Installation guide , User Manual
Standard Lead Time	Special Order - Call for Quoted Lead Times
Product Distribution	Afghanistan , Albania , Algeria , Andorra , Angola , Anguilla , Antigua And Barbuda , Argentina , Armenia , Aruba , Australia , Austria , Azerbaijan , Bahamas , Bahrain , Bangladesh , Barbados , Belarus , Belgium , Belize , Benin , Bermuda , Bhutan , Bolivia , Bosnia And Herzegovina , Botswana , Brazil , Brunei Darussalam , Bulgaria , Burkina Faso , Burundi , Cambodia , Cameroon , Canada , Cayman Islands , Central African Republic , Chad , Chile , Colombia , Congo , CONGO, THE DEMOCRATIC REPUBLIC OF THE , Cook Islands , Costa Rica , Cote D'Ivoire , Croatia , Cuba , Cyprus , Czech Republic , Denmark , Djibouti , Dominica , Dominican Republic , East Timor , Ecuador , Egypt , El Salvador , Equatorial Guinea , Eritrea , Estonia , Ethiopia , Falkland Islands (Malvinas) , Fiji , Finland , France , Gabon , Gambia , Georgia , Germany , Ghana , Gibraltar , Greece , Grenada , Guadeloupe , Guatemala , Guinea , Guyana , French Guiana , Haiti , Honduras , Hungary , Iceland , India , Indonesia , Iran (Islamic Republic Of) , Iraq , Ireland , Israel , Italy , Jamaica , Japan , Jordan , Kazakhstan , Kenya , KOREA, REPUBLIC OF , Kuwait , Latvia , Lebanon , Lesotho , Liberia , Liechtenstein , Lithuania , Luxembourg , Macedonia , Madagascar , Malawi , Malaysia , Mali , Malta , Martinique , Mauritania , Mauritius , Mayotte , Mexico , Moldova, Republic Of , Mongolia , Morocco , Mozambique , Myanmar , Namibia , Nepal , Netherlands , Netherlands Antilles , New Zealand , Nicaragua , Niger , Nigeria , Norway , Oman , Pakistan , Panama , Papua New Guinea , Paraguay , Peru , Philippines , Poland , Portugal , Puerto Rico , Qatar , Reunion , Romania , Russian Federation , Rwanda , SAINT KITTS AND NEVIS , SAINT LUCIA , SAINT VINCENT AND THE GRENADINES , Saudi Arabia , Senegal , Sierra Leone , Singapore , Slovakia (Slovak Republic) , Slovenia , Somalia , South Africa , Spain , Sri Lanka , Sudan , Suriname , Sweden , Switzerland , Tajikistan , TANZANIA, UNITED REPUBLIC OF , Thailand , Togo , Trinidad And Tobago , Turkey , Turkmenistan , Turks And Caicos Islands , Uganda , Ukraine , United Arab Emirates , United States , Uruguay , Uzbekistan , Venezuela , Viet Nam , VIRGIN ISLANDS (UNITED STATES) , Western Sahara , Yemen , Zambia , Zimbabwe

## General

Bypass Connection	4 wire (3Ph + N) or 5 wire (3Ph + N + G)
Bypass Voltage Tolerance	+/-10% settable from +/-4/6/8 and 10%
Max Bypass Input Current	115 A
Bypass Protection Device	160 A

## Output

Output Power Capacity	72.0 KW / 80.0 kVA
Max Configurable Power (Watts)	72.0 KW / 80.0 kVA

Nominal Output Voltage	400 3PH
Output Voltage Note	Configurable for 400 or 415V 3 Phase nominal output voltage
Output Voltage Distortion	Less than 2%
Output Frequency (sync to mains)	50 Hz - programmable +/- 0.5 / 1 / 2 / 4 / 6 / 8%
Other Output Voltages	380, 415V
Crest Factor	3 : 1
Crest Factor	Double Conversion Online
Waveform Type	Sine wave
Output Voltage Tolerance	+/- 2% static and 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	115 A
Neutral Output Current	115 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	152 A
Input Breaker Capacity	250 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	No internal battery - uses external battery system
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## Communications & Management

Available SmartSlot™ Interface Quantity	3
Pre-Installed SmartSlot™ Cards	AP9635CH
Control panel	Multi-function LCD status and control console
Emergency Power Off (EPO)	Yes

## Physical

Maximum Height	2180.0 mm
Maximum Width	712.0 mm
Maximum Depth	855.0 mm
Net Weight	556.0 kg
Shipping Weight	580.0 kg
Shipping Height	2300.0 mm
Shipping Width	1080.0 mm
Shipping Depth	1200.0 mm
Units per Pallet	1.0

## Environmental

Operating Environment	0 - 40 °C
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Operating Relative Humidity	0 - 95 %
Operating Elevation	0-3000 meters
Storage Temperature	-20 - 45 °C
Storage Relative Humidity	0 - 95 %
Storage Elevation	0-3600 meters
Audible noise at 1 meter from surface of unit	63.000 dB
Protection Class	IP 20 , IP 32

### Conformance

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