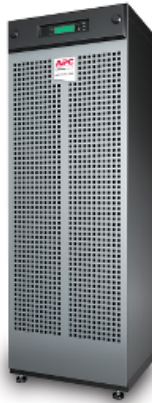


G35T20KH3B4S

MGE Galaxy 3500 20kVA 400V with 3 Battery Modules Expandable to 4, Start-up 5X8



Overview

Model Name	MGE Galaxy 3500 20kVA 400V with 3 Battery Modules Expandable to 4, Start-up 5X8
Includes	Battery modules ship installed , Bolt down brackets , CD with software , Installation guide , Network Management Card , Power modules ship installed , Smart UPS signalling RS-232 cable , Start-Up Service , User Manual
Standard Lead Time	Usually Ships within 2 Weeks
Product Distribution	Afghanistan , Albania , Algeria , Andorra , Angola , Anguilla , Antigua And Barbuda , Argentina , Armenia , Aruba , Australia , Austria , Azerbaijan , Bahrain , Bangladesh , Barbados , Belarus , Belgium , Belize , Benin , Bermuda , Bhutan , Bolivia , Bosnia And Herzegovina , Botswana , Brunei Darussalam , Bulgaria , Burkina Faso , Burundi , Cambodia , Cameroon , 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 , Dominican Republic , East Timor , Ecuador , Egypt , El Salvador , Equatorial Guinea , Eritrea , Estonia , Falkland Islands (Malvinas) , Fiji , Finland , France , Gabon , Gambia , Georgia , Germany , Ghana , Gibraltar , Greece , Guadeloupe , Guatemala , Guinea , Guyana , French Guiana , Honduras , Hong Kong , Hungary , Iceland , India , Indonesia , Iran (Islamic Republic Of) , Iraq , Ireland , Israel , Italy , Jamaica , Jordan , Kazakhstan , Kenya , KOREA, REPUBLIC OF , Kuwait , Latvia , Lebanon , Lesotho , Liberia , Liechtenstein , Lithuania , Luxembourg , Macedonia , Malawi , Malaysia , Mali , Malta , Martinique , Mauritania , 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 , Romania , Russian Federation , Rwanda , Saudi Arabia , Senegal , Sierra Leone , Singapore , Slovakia (Slovak Republic) , Slovenia , Somalia , South Africa , Spain , Sri Lanka , Sudan , Suriname , Sweden , Switzerland , Taiwan , Tajikistan , TANZANIA, UNITED REPUBLIC OF , Thailand , Togo , Trinidad And Tobago , Tunisia , Turkey , Turkmenistan , Uganda , Ukraine , United Arab Emirates , Uruguay , Uzbekistan , Venezuela , Viet Nam , VIRGIN ISLANDS (UNITED STATES) , Western Sahara , Zimbabwe

Output

Output Power Capacity	16.0 KW / 20.0 kVA
Max Configurable Power (Watts)	16.0 KW / 20.0 kVA
Nominal Output Voltage	400 3PH
Output Frequency (sync to mains)	47 - 53 Hz for 50 Hz nominal
Other Output Voltages	380, 415V
Crest Factor	Unlimited
Crest Factor	Double Conversion Online
Waveform Type	Sine wave

Output Connections	(1) Hard Wire 4-wire (3PH + G) (Battery Backup) , (1) Hard Wire 5-wire (3PH + N + G) (Battery Backup) , (1) Screw Terminals (Battery Backup)
Output Voltage Tolerance	+/-1% static and +/- 5% at 100% load step
Output Voltage THD	< 2% for 0 to 100% linear load and < 5% for full non linear load
Overload Operation	10 minutes @ 125% and 60 seconds @ 150%
Bypass	Built-in Maintenance Bypass , Built-in Static Bypass

Input

Nominal Input Voltage	400 3PH
Input Frequency	40 - 70 Hz (auto sensing)
Input Connections	Hard Wire 5-wire (3PH + N + G)
Input voltage range for main operations	304 - 477 V
Input voltage adjustable range for mains operation	340 - 460 (400V)V
Other Input Voltages	380 , 415
Maximum Input Current	27 A
Input Breaker Capacity	35 A
Input Total Harmonic Distortion	Less than 5% for full load
Type of Input Protection Required	3-pole breaker

Batteries & Runtime

Battery Type	VRLA
Included Battery Modules	3
Battery Slots Empty	1
Typical recharge time	5 hour(s)
Nominal Battery Voltage	+/-192 V (split battery referenced to neutral)
End of Discharge Battery Voltage	+/-154 V
Efficiency in Battery Operation	94.90 %
End of Discharge Maximum Battery Current	109 A
Overload Operation	10 minutes @ 125% and 60 seconds @ 150%

Communications & Management

Interface Port(s)	DB-9 RS-232 , G35T
Pre-Installed SmartSlot™ Cards	AP9631
Control panel	Multi-function LCD status and control console
Audible Alarm	Alarm when on battery : distinctive low battery alarm : configurable delays
Emergency Power Off (EPO)	Yes

Physical

Maximum Height	1490.0 mm
Maximum Width	523.0 mm
Maximum Depth	842.0 mm
Net Weight	535.0 kg
Shipping Weight	565.0 kg
Shipping Height	1643.0 mm
Shipping Width	650.0 mm
Shipping Depth	1062.0 mm

Environmental

Operating Environment	0 - 40 °C
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Operating Relative Humidity	0 - 95 %
Operating Elevation	0-999.9 meters
Storage Temperature	-15 - 45 °C
Storage Relative Humidity	0 - 95 %
Storage Elevation	0-15000 meters
Audible noise at 1 meter from surface of unit	51.300 dB
Online Thermal Dissipation	2620.000 BTU/hr
Protection Class	IP 51

Conformance

Approvals	CE , EN 50091-2 , EN/IEC 62040-1-1 , EN/IEC 62040-3 , IEC 61000-3-2 , IEC 61000-3-3 , ISO 14001 , ISO 9001 , VFI-SS-111
Standard warranty	1 year repair or replace