



Overview

Description	UPS is supplied without batteries. To be used with either external third party battery system, or with internal long life modular batteries (SYBTH4).
Model Name	MGE Galaxy 3500 20kVA 400V, Start-Up 5X8
Includes	Bolt down brackets
Standard Lead Time	Usually Ships within 2 Weeks
Product Distribution	Afghanistan

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 Voltage Note	Configurable for 380 : 400 or 415 V 3 Phase nominal output voltage
Output Voltage Distortion	Less than 5%
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)
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%
Required Output Current Protection	35 A
Bypass	Built-in Maintenance 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
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	No internal battery supplied with UPS - can be used with external third party batteries or SYBTH4
Overload Operation	10 minutes @ 125% and 60 seconds @ 150%

Communications & Management

Interface Port(s)	DB-9 RS-232
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	1491.0 mm
Maximum Width	523.0 mm
Maximum Depth	838.0 mm
Net Weight	259.0 kg
Shipping Weight	290.0 kg
Shipping Height	1643.0 mm
Shipping Width	650.0 mm
Shipping Depth	1062.0 mm

Environmental

Operating Environment	0 - 40 °C
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
Standard warranty	1 year repair or replace