

> You are here: Home > Products > Uninterruptible Power Supply (UPS) > Symmetra MW

Product Category

Computer and Peripheral (7)

Home UPS (1)

Network and Server (4)

Data Center and Facility 3 Phase

> Symmetra PX

> Symmetra MW

> Smart-UPS VT

> MGE Galaxy 3500

> MGE Galaxy 4000

> Galaxy VM

> MGE Galaxy 5000

> MGE Galaxy 5500

> MGE Galaxy PW

> MGE Galaxy 6000

> MGE Galaxy 7000

> MGE Galaxy 9000

> MGE EPS 7000

> MGE EPS 8000

> MGE Galaxy 300

> Flywheel

Special Applications (5)

UPS Management (7)

UPS Replacement Batteries (1)

< Return to Uninterruptible Power Supply (UPS)

Symmetra MW

Symmetra MW 1000kW Frame, 480V



+ [More Images](#)

APC Symmetra MW, 1 MW /1 MVA, Input 480V 3PH /Output 480V 3PH, Interface Port Contact Closure, DB-9 RS-232, RJ-45 10/100 Base-T, RS-485

Includes: Assembly service, Installation guide, Start-Up Service, User Manual

Standard Lead Time: Special Order - Call for Quoted Lead Times

SYMF1000KG

Contact Sales

- Email Technical Specifications
- Printer Friendly

Technical Specifications

Product Overview

Documentation

Options

Ratings and Reviews

Output

Output Power Capacity	1 MW / 1 MVA
Max Configurable Power	1 MW / 1 MVA
Nominal Output Voltage	480V 3PH
Output Voltage Note	–
Output Voltage Distortion	Less than 5% at full load
Output Frequency (sync to mains)	60 Hz - programmable +/- 0.5 / 1 / 2 / 4 / 6 / 8%
Crest Factor	Unlimited
Topology	Delta Conversion On-Line
Waveform Type	Sine wave
Output Connections	(1) Hard Wire 4-wire (3PH + G)
Bypass	External Static Bypass

Input

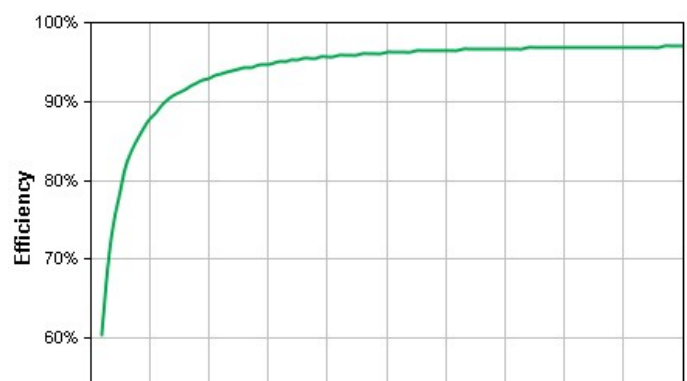
Nominal Input Voltage	480V 3PH
Input Frequency	60 Hz - programmable +/- 0.5 / 1 / 2 / 4 / 6 / 8%
Input Connections	Hard Wire 4-wire (3PH + G)
Input voltage range for main operations	408 - 552 (480)V
Input voltage adjustable range for mains operation	408 - 552 (480V)V
Maximum Input Current	1364A
Maximum Short Circuit Withstand (Icw)	200.0 kA
Type of Input Protection Required	3-pole breaker

Batteries & Runtime

Battery Type	No internal battery - uses external battery system
--------------	--

Energy Use/Efficiency

Load	Efficiency
25%	94.1%
50%	96.3%
75%	96.9%
100%	97.0%



50%

0%

10%

20%

30%

40%

50%

60%

70%

80%

90%

100%

Load

Hover over the line on the graph above to view the efficiency at any desired load

Curve fit to measured efficiency data. All measurements taken in normal operating mode, at typical environmental conditions, with nominal electrical input and balanced resistive load (PF = 1.0) output.

[View Enlarged Graph](#)

Communications & Management	
Interface Port(s)	Contact Closure, DB-9 RS-232, RJ-45 10/100 Base-T, RS-485
Control panel	Touch Screen LCD User Interface
Audible Alarm	Audible and visible alarms prioritized by severity
Emergency Power Off (EPO)	Yes
Physical	
Maximum Height	2032.00 mm
Maximum Width	4140.00 mm
Maximum Depth	1067.00 mm
Net Weight	4196.82 KG
Shipping Weight	4356.82 KG
Shipping Height	2235.00 mm
Shipping Width	4242.00 mm
Shipping Depth	1280.00 mm
Color	Light grey (NCS 2703-G84Y)
Environmental	
Operating Environment	0 - 40 °C
Operating Relative Humidity	0 - 95%
Operating Elevation	0-999.9 meters
Storage Temperature	-50 - 40 °C
Storage Relative Humidity	0 - 95%
Storage Elevation	0-15000 meters
Audible noise at 1 meter from surface of unit	74.00 dBA
Online Thermal Dissipation	105600.00 BTU/hr
Protection Class	NEMA 1 with NEMA 12 optional
Conformance	
Regulatory Approvals	cUL Listed, EN 50091-1, FCC Part 15 Class A, ISO 14001, ISO 9001, OSHPD, UL 1778, UL Listed
Standard Warranty	1 year repair or replace
Sustainable Offer Status	