Solutions

**Product Category** 

Network and Server (3)

> Symmetra PX

> Symmetra MW

> Smart-UPS VT

> MGE Galaxy 3500

> MGE Galaxy 4000

> MGE Galaxy 5000

> MGE Galaxy PW

> MGE Galaxy 7000

> MGE Galaxy 6000

> MGE Galaxy 9000

> MGE EPS 7000

> MGE EPS 8000

> MGE Galaxy 300

UPS Management (7)

> Power Generation Systems

Return to Uninterruptible

Power Supply (UPS)

Home UPS (2)

Computer and Peripheral (5)

Data Center and Facility 3 Phase

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

**Products and Services** 

## Symmetra PX

More Images

(lcw)

Type of Input Protection Required

**Batteries & Runtime** 

Included Battery Modules

Available Battery Slots

Typical recharge time

Replacement Battery

Nominal Battery Voltage

DC Overcurrent Protection

Efficiency in Battery Operation

RBC™ Quantity

Overload Operation

Runtime Graph

Curve

Extended Run Options

Battery Type

Symmetra PX 10kW Scalable to 40kW N+1, 208V

Support



A high-efficiency 3-phase UPS that is scaleable as your data center grows up to 40KW/40KVA. Suitable for small to medium data center application.

Your Business

Email Technical Specifications Printer Friendly

SY10K40F

Company

Includes: Network Management Card, Start up included, User

Manual Standard Lead Time: Usually Ships within 3 Weeks

Be the first to write a review

Technical Specifications Product Over	view Documentation	Software & Firmware	Options	Ratings and Reviews
General				
Bypass Connection	5 wire 3PH + N +G			
Max Bypass Input Current	162A			
Bypass Protection Device	175A			
Output				
Output Power Capacity	10 kW / 10 kVA			
Max Configurable Power	40 kW / 40 kVA			
Nominal Output Voltage	120V,208V,208V 3PI	Н		
Output Voltage Distortion	Less than 5% at full	load		
Output Frequency (sync to mains)	57 - 63 Hz for 60 Hz	nominal		
Crest Factor	Unlimited			
Waveform Type	Sine wave			
Output Connections	(1) Hard Wire 5-wire (1) Screw Terminals	(3PH + N + G)		
Output Voltage Tolerance	+/-1% static and +/-	5% at 100% load step		
Output Voltage THD	< 2% for 0 to 100% l	inear load and < 5% for	full non lir	near load
Overload Operation	60 seconds@ 125%	and 30 seconds at 150	%	
Required Output Current Protection	150A			
Bypass	Built-in Static Bypas	s		
Input				
Nominal Input Voltage	208V3PH			
Input Frequency	50/60 Hz +/- 5 Hz (au	uto sensing)		
Input Connections	Hard Wire 5-wire (3F	PH + N + G)		
Input voltage range for main operations	177 - 240V			
Maximum Input Current	162A			
Input Breaker Capacity	175.0 A			
Maximum Short Circuit Withstand	30.0 kA			

3-pole breaker

3

1

2 hour(s)

SYBT4

125A

94%

1,000 · 800 · 600 ·

400

+/-192 V (split battery referenced to neutral)

60 seconds@ 125% and 30 seconds at 150%

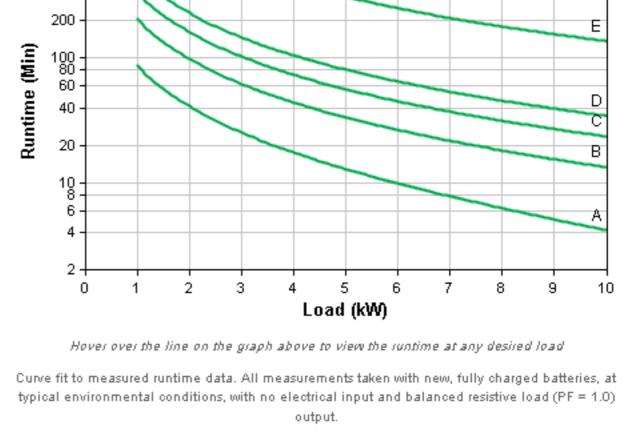
Symmetra PX 10kW Scalable to 40kW N+1, 208V

Α SY10K40F SY10K40F В + (1)SYBT4 SY10K40F С + (2)SYBT4 SY10K40F D + (3)SYBT4 SY10K40F Е + (1)SYCFXR8-8

Regulatory Approvals

Standard Warranty

Part Number(s)



Maintenance-free sealed Lead-Acid battery with suspended electrolyte: leakproof

		View Enlarged Graph View Runtime Chart
nergy Use/Efficie	тсу	
		100%
	ciency	
25% 8	7.3%	90%
	0.6%	
	1.2%	हे 80% <del> </del>
100% 9	1.1%	25 80% UCI PURE 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
		五 70% -
		60%
		50%
		0% 10% 20% 30% 40% 50% 60% 70% 80% 90% 100% <b>Load</b>
		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.
		<u>View Enlarged Graph</u>
communications &	Managemen	
nterface Port(s) Available SmartSloti	TM Interface	10/100 Base-T Ethernet for web/ SNMP/ Telnet management, Contact Closure, SmartSlot  2
Quantity	millenace	
Pre-Installed SmartS	Slot™ Cards	AP9630
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
hysical		
Maximum Height		2070.00 mm
Maximum Width		600.00 mm
Maximum Depth		902.00 mm
Rack Height		42U
Net Weight		406.82 KG
Shipping Weight		453.18 KG
Shipping Height		2311.00 mm
Shipping Width		749.00 mm
Shipping Depth		1054.00 mm
Color		Black
		1.00
Jnits per Pallet		
nvironmental	ent	0 - 40 °C
nvironmental Operating Environme		0 - 40 °C 0 - 95%
invironmental Operating Environmo	lumidity	
invironmental Operating Environmo Operating Relative H Operating Elevation	lumidity	0 - 95%
Environmental Operating Environme Operating Relative H Operating Elevation Storage Temperatur	lumidity e	0 - 95% 0-3000 meters
invironmental Operating Environme Operating Relative H Operating Elevation Storage Temperatur Storage Relative Hu	lumidity e	0 - 95% 0-3000 meters -15 - 40 °C
Units per Pallet Environmental Operating Environme Operating Relative H Operating Elevation Storage Temperature Storage Relative Hu Otorage Elevation Audible noise at 1 m of unit	lumidity e midity	0 - 95%  0-3000 meters  -15 - 40 °C  0 - 95%  0-15000 meters
Environmental Operating Environme Operating Relative H Operating Elevation Storage Temperatur Storage Relative Hu Storage Elevation Audible noise at 1 m	lumidity e midity neter from surfa	0 - 95%  0-3000 meters  -15 - 40 °C  0 - 95%  0-15000 meters
Environmental Operating Environme Operating Relative H Operating Elevation Storage Temperature Storage Relative Hu Storage Elevation Audible noise at 1 m of unit	lumidity e midity neter from surfa	0 - 95%  0-3000 meters  -15 - 40 °C  0 - 95%  0-15000 meters  ace64.00 dBA

cUL Listed,EN 50091-1,EN 50091-2,EN 50091-3,FCC Part 15 Class A,ISO 14001,ISO

1 year on-site repair or replace with factory authorized Start-Up

9001,UL 1778,UL 60950