



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

**Part Number:** SY40K40F



### Output

Output Power Capacity	40 kW / 40 kVA
Max Configurable Power	40 kW / 40 kVA
Nominal Output Voltage	120V,208V,208V 3PH
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 (3PH + N + G) (1) Screw Terminals
Bypass	Built-in Static Bypass

### Input

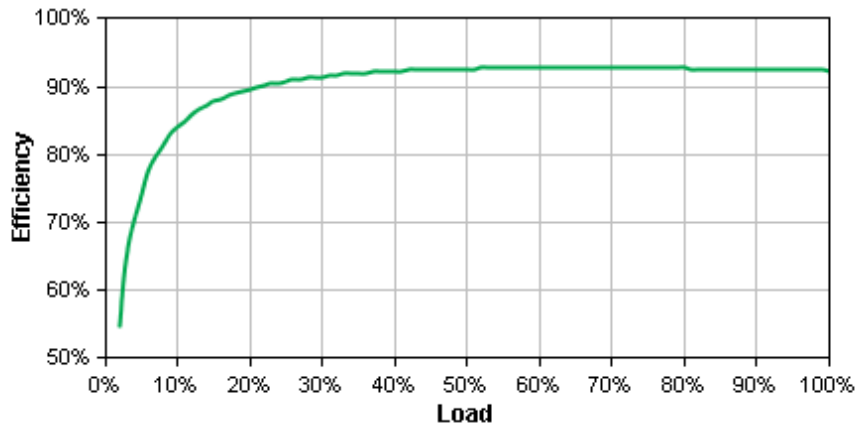
Nominal Input Voltage	208V 3PH
Input Frequency	50/60 Hz +/- 5 Hz (auto sensing)
Input Connections	Hard Wire 5-wire (3PH + N + G)

Input voltage range for main operations 177 - 240V

## Batteries & Runtime

Battery Type	Maintenance-free sealed Lead-Acid battery with suspended electrolyte : leakproof
Included Battery Modules	4
Typical recharge time	2 hour(s)
Replacement Battery	<a href="#">SYBT4</a>
Typical Backup Time at Half Load	14.0 minutes (20000 Watts)
Typical Backup Time at Full Load	3.5 minutes (40000 Watts)
Runtime Chart	<a href="#">Symmetra PX</a>
Extended Run Options	<a href="#">Symmetra PX 40kW Scalable to 40kW N+1, 208V</a>

## Energy Use/Efficiency



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

[View Enlarged Chart](#)

## Communications & Management

Interface Port(s)	Contact Closure,RJ-45 10 Base-T ethernet for web/ SNMP/ Telnet management,SmartSlot
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Available SmartSlot™ Interface Quantity	2
Pre-Installed SmartSlot™ Cards	<a href="#">AP9617</a>
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	81.50 inches (2070 mm)
Maximum Width	23.62 inches (600 mm)
Maximum Depth	35.50 inches (902 mm)
Rack Height	42U
Net Weight	1705.00 lbs. (775.00 kg)
Shipping Weight	1879.00 lbs. (854.09 kg)
Shipping Height	91.00 inches (2311 mm)
Shipping Width	29.50 inches (749 mm)
Shipping Depth	41.50 inches (1054 mm)
Color	Black
Units per Pallet	1.00

## Environmental

Operating Environment	32 - 104 °F (0 - 40 °C)
Operating Relative Humidity	0 - 95%
Operating Elevation	0-10000 feet (0-3000 meters)
Storage Temperature	5 - 104 °F (-15 - 40 °C)
Storage Relative Humidity	0 - 95%
Storage Elevation	0-50000 feet (0-15000 meters)
Audible noise at 1 meter from surface of unit	64.00 dBA
Online Thermal Dissipation	11611.00 BTU/hr

Protection Class	NEMA 1
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## Conformance

Regulatory Approvals	cUL Listed,EN 50091-1,EN 50091-2,FCC Part 15 Class A,ISO 14001,ISO 9001,UL 1778,UL 60950
Standard Warranty	1 year on-site repair or replace with factory authorized Start-UP
Protection Class	NEMA 1

\*Except where noted, all prices are Estimated Resale Price (ERP) - Without Tax/VAT. Pricing in other locations and sites may vary.

\*\*The time to recharge to 90% of full battery capacity following a discharge to shutdown using a load rated for 1/2 the full load rating of the UPS.

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