

Symmetra PX

Symmetra PX 20kW Scalable to 40kW N+1, 208V



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.

Includes: Network Management Card, Start up included, User Manual

Standard Lead Time: Usually Ships within 3 Weeks

Average Customer Review 4

1 of 1 (100%) customers would recommend this product to a friend.

[Read all reviews](#) | [Write a review](#)

SY20K40E

 [Email Technical Specifications](#) Printer Friendly

Technical Specifications

Output	
Output Power Capacity	20 kW / 20 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

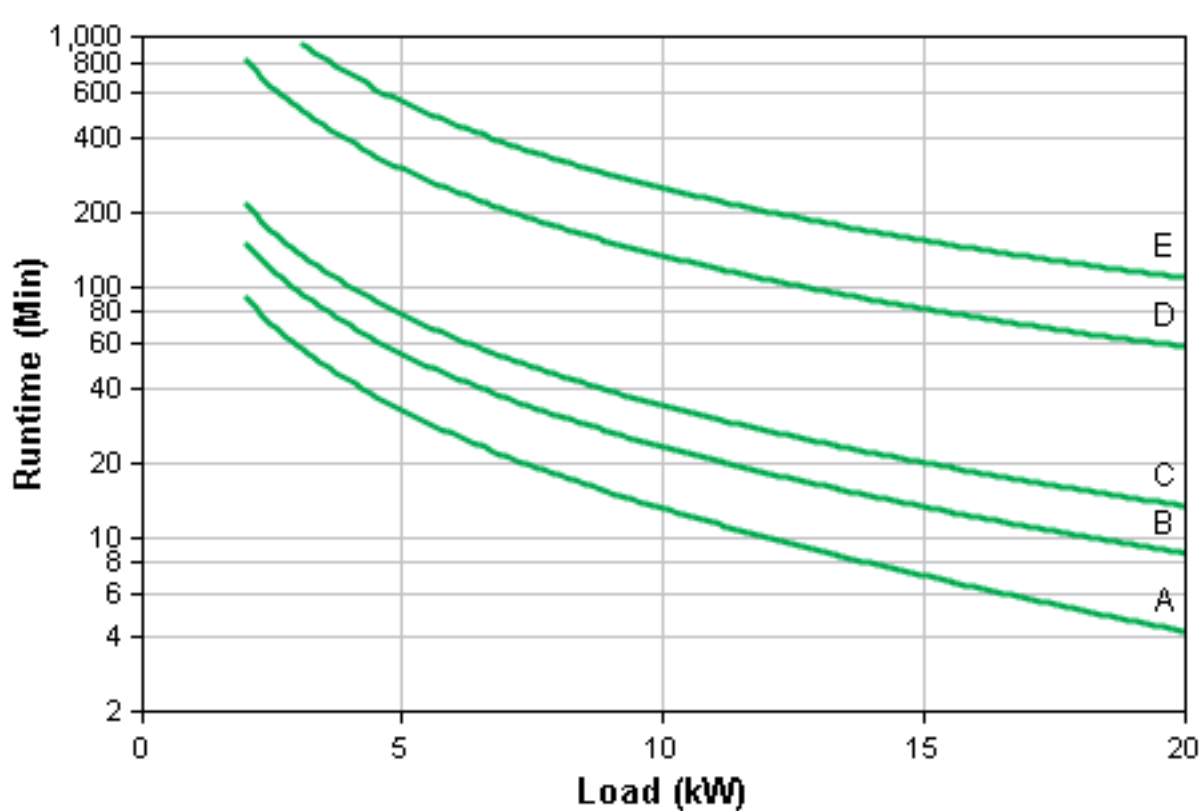
Nominal Input Voltage	208V 3PH
Input Frequency	50/60 Hz +/- 5 Hz (auto sensing)
Input Connections	Hard Wire 5-wire (3PH + N + G)
Input voltage range for main operations	177 - 240V

Batteries & Runtime

Battery Type	Maintenance-free sealed Lead-Acid battery with suspended electrolyte : leakproof
Included Battery Modules	2
Available Battery Slots	2
Typical recharge time	2 hour(s)
Replacement Battery	SYBT4
Extended Run Options	Symmetra PX 20kW Scalable to 40kW N+1, 208V

Runtime Graph

Curve	Part Number(s)
A	SY20K40F
B	SY20K40F + (1)SYBT4
C	SY20K40F + (2)SYBT4
D	SY20K40F + (1)SYCFXR8-8
E	SY20K40F + (2)SYCFXR8-8



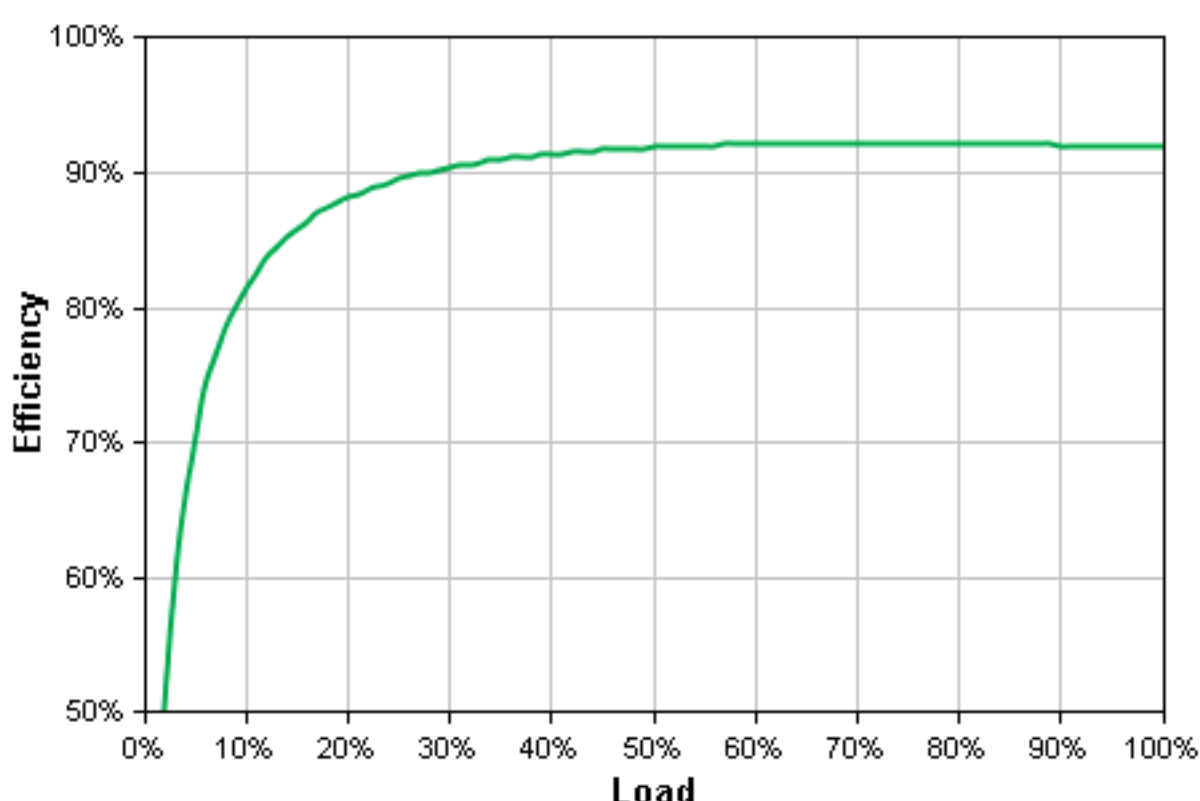
Hover over the line on the graph above to view the runtime at any desired load

Curve fit to measured runtime data. All measurements taken with new, fully charged batteries, at typical environmental conditions, with no electrical input and balanced resistive load (PF = 1.0) output.

[View Enlarged Graph](#)[View Runtime Chart](#)

Energy Use/Efficiency

Load	Efficiency
25%	89.5%
50%	91.9%
75%	92.2%
100%	92.0%



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)	SmartSlot
Available SmartSlot™ Interface Quantity	2
Pre-Installed SmartSlot™ 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

Physical

Maximum Height	2070.00 mm
Maximum Width	600.00 mm
Maximum Depth	902.00 mm
Rack Height	42U
Net Weight	529.55 KG
Shipping Weight	586.82 KG
Shipping Height	2311.00 mm
Shipping Width	749.00 mm
Shipping Depth	1054.00 mm
Color	Black
Units per Pallet	1.00

Environmental

Operating Environment	0 - 40 °C
Operating Relative Humidity	0 - 95%
Operating Elevation	0-3000 meters
Storage Temperature	-15 - 40 °C
Storage Relative Humidity	0 - 95%
Storage Elevation	0-15000 meters
Audible noise at 1 meter from surface of unit	64.00 dBA
Online Thermal Dissipation	5942.00 BTU/hr
Protection Class	NEMA 1

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