

Product data sheet

Specifications



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

SY40K40F

Overview

Presentation	A high-efficiency 3-phase UPS that is scalable as your data center grows up to 40kW/40kVA. Suitable for small to medium data center application.
Lead time	Usually Ships within 3 Weeks

Main

Main Input Voltage	208 V 3 phase
Main Output Voltage	120 V 208 V 208 V 3 phase
Rated power in W	40000 W
Rated power in VA	40000 VA
Output connector type	Hard Wire 5-wire (3PH + N + G) for 1 zone(s)
Connections - terminals	1 screw terminals
Number of cables	1
Battery Type	Lead-Acid battery
Provided equipment	Network Management Card Start up included User Manual

Batteries & Runtime

Run Time	View Runtime Graph
Efficiency	View Efficiency Graph
Included Battery Modules	4
Battery Slots Empty	0
Typical recharge time	2 h
Battery Charge Power (Watts)	5502 W rated
Extendable Run Time	1
Replacement battery	SYBT4

General

Number of power module	5
Number preinstalled power module	4
Number of power module free slots	1

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

Number of power module filled slots	4
Redundant	Yes

Physical

color	Black
Height	81.5 in (207 cm)
Width	23.6 in (60 cm)
Depth	35.5 in (90.2 cm)
Net Weight	1708.6 lb(US) (775 kg)
USB compatible	No

Input

Input Frequency	50/60 Hz
Number of input connectors	1 Hard Wire 5-wire (3PH + N + G)
Efficiency at full load	177...240 V
Input Power Factor at Full Load	0.99

Output

Max Configurable Power (Watts)	40000 W
Harmonic distortion	Less than 5%
Output frequency	57...63 Hz for 60 Hz nominal sync to mains 60 Hz +/- 0.1 % for 60 Hz nominal not synced
Topology	Double Conversion Online
Waveform Type	Sine wave
Bypass type	Built-in Static Bypass
Maximum output current	111 A
Maximum configurable power in VA	40000 VA

Conformance

Product Certifications	cUL Listed
Standards	CSA C22.2 No.107.3-05 EN 50091-1 EN 50091-2 FCC Part 15 class A ISO 14001 ISO 9001 UL 1778 UL 60950

Environmental

Ambient air temperature for operation	32...104 °F (0...40 °C)
Relative Humidity	0...95 %
Operating altitude	0...10000 ft
Ambient Air Temperature for Storage	5...104 °F (-15...40 °C)
Storage Relative Humidity	0...95 %
Storage altitude	0...50000 ft (0...15240 m)

Acoustic level	64 dBA
Heat dissipation	11611 Btu/h
NEMA degree of protection	NEMA 1

Communications & Management

Free slots	2
Pre-Installed SmartSlot™ Cards	Network management card 2 - Masterpack for Symmetra 3-Phase
Control panel	Multi-function LCD status and control console
Emergency Power Off (EPO)	Yes

Ordering and shipping details

GTIN	731304746614
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Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	91.0 in (231.1 cm)
Package 1 Width	41.5 in (105.4 cm)
Package 1 Length	29.5 in (74.9 cm)
Package weight(Lbs)	1883.0 lb(US) (854.1 kg)

Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

Use Better

Materials and Substances

[EU RoHS Directive](#)

Compliant with Exemptions

California proposition 65

WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov

Energy efficiency

Optimized Energy Efficiency

Energy efficient product

Use Again

Repack and remanufacture

Take-back

No

WEEE Label

 The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.

Image of product / Alternate images

Alternative

