

Product data sheet

Specifications



Symmetra PX 30kW Scalable to 40kW N+1, 208V

SY30K40F

Overview

Presentation	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.
Lead time	Usually Ships within 3 Weeks

Main

Main Input Voltage	208 V 3 phases
Main Output Voltage	120 V 208 V 208 V 3 phases
Rated power in W	30000 W
Rated power in VA	30000 VA
Output connector type	Hard wire 5-wire (3P + N + E) 1
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
Number of battery filled slots	3
Number of battery free slots	1
Battery recharge time	2 h
Battery charger power	4126 W rated
Extended runtime	1
Replacement battery	SYBT4

General

Number of power module	5
Number preinstalled power module	3
Number of power module free slots	2
Number of power module filled slots	3

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Redundant	Yes
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Physical

Colour	Black
Height	207 cm
Width	60 cm
Depth	90.2 cm
Net weight	652.27 kg
USB compatible	No

Input

Network frequency	50/60 Hz
Number of input connectors	1 hard wire 5-wire (3P + N + E)
Input voltage limits	177...240 V
Input Power Factor at Full Load	0.99

Output

Maximum configurable power in W	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 unsynchronised
UPS type	Double conversion online
Wave 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 recognized EUROBAT
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	0...40 °C
Relative humidity	0...95 %
Operating altitude	0...10000 ft
Ambient air temperature for storage	-15...40 °C
Storage Relative Humidity	0...95 %
Storage altitude	0...15240 m

Acoustic level	64 dBA
Heat dissipation	8913 Btu/h
NEMA degree of protection	NEMA 1

Communications & Management

Free slots	2
Preinstalled device	Network management card 2 - Masterpack for Symmetra 3-Phase
Control panel	Multifunction LCD status and control console
Emergency power off	Yes

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	231.1 cm
Package 1 Width	105.4 cm
Package 1 Length	74.9 cm
Package 1 Weight	720.45 kg

Contractual warranty

Warranty	1 year on-site repair or replace with factory authorized Start-Up
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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
REACH Regulation	REACH Declaration
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	
Energy Efficiency Optimized	Energy efficient product

Use Again

 Repack and remanufacture	
Take-back	No