

# Product data sheet

Specifications



## Symmetra PX 40kW Scalable to 40kW N+1, 200/208V Japan

SY40K40E


### Overview

Lead Time	Usually Ships within 2 Weeks
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### Main

Main Input Voltage	200 V 3 phases
Main Output Voltage	200 V 3 phases
Rated Power In W	40000 W
Rated Power In Va	40000 VA
Output Connector Type	Hard wire 5-wire (3P + N + E) 1
Connections - Terminals	1 screw terminals
Number Of Cables	1
Battery Type	Lead-acid battery
Provided Equipment	Network management card User manual

### Batteries & Runtime

Run Time	<a href="#">View Runtime Graph</a> 
Number Of Battery Filled Slots	4
Number Of Battery Free Slots	0
Battery Recharge Time	2 h
Additional Information	Battery Module type: SYBTJ4
Battery Charger Power	5502 W rated
Battery Power In Vah	11059 VAh runtime
Battery Life	5...7 year(s)
Battery Option	SYCFXR8-8 1 33177 VAh SYCFXR8-8 2 55296 VAh SYCFXR8-8 3 77414 VAh SYCFXR8-8 4 99532 VAh
Extended Runtime	1

### General

Number Of Power Module	5
Number Preinstalled Power Module	4
Number Of Power Module Free Slots	0

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

Number Of Power Module Filled Slots	0
Redundant	Yes

## Physical

Colour	Black
Height	206.5 cm
Width	61 cm
Depth	91.5 cm
Net Weight	874 kg
Usb Compatible	No

## Input

Network Frequency	50/60 Hz +/- 5 Hz auto-sensing
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 % at full load
Output Frequency	47...53 Hz for 50 Hz nominal sync to mains 60 Hz +/- 0.1 % for 60 Hz nominal unsynchronised 57...63 Hz for 60 Hz nominal sync to mains 50 Hz +/- 0.1 % for 50 Hz nominal unsynchronised
Ups Type	Double conversion online
Wave Type	Sine wave
Bypass Type	Built-in static bypass
Maximum Configurable Power In Va	40000 VA

## Conformance

Product Certifications	cUL recognized
Standards	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...3333 ft
Ambient Air Temperature For Storage	-15...40 °C
Storage Relative Humidity	0...95 %
Storage Altitude	0.00...15240.00 m

Acoustic Level	64 dBA
Heat Dissipation	11611 Btu/h
Ip Degree Of Protection	IP20

## Communications & Management

Free Slots	2
Preinstalled Device	Network management card 2 - Masterpack for Symmetra 3-Phase
Control Panel	Multifunction LCD status and control console
Alarm	Alarm when on battery : distinctive low battery alarm : configurable delays
Emergency Power Off	Yes

## Packing Units

Package 1 Weight	950 kg
Package 1 Height	231.1 cm
Package 1 Width	74.9 cm
Package 1 Length	105.4 cm
Number Of Units In Package 3	1

## Contractual warranty

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

**Green Premium™ label** label is Schneider Electric’s commitment to delivering products with best-in-class environmental performance. **Green Premium** promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low- products.

**Guide to assessing product sustainability** is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

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Eu Rohs Directive

Not compliant

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