

Product data sheet

Specifications



Symmetra PX 20kW Scalable to 40kW N+1, 200/208V Japan

SY20K40E


Overview

Lead Time Usually Ships within 2 Weeks

Main

Main Input Voltage	200 V 3 phases
Main Output Voltage	200 V 3 phases
Rated Power In W	20000 W
Rated Power In Va	20000 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	View Runtime Graph 
Number Of Battery Filled Slots	2
Number Of Battery Free Slots	2
Battery Recharge Time	2 h
Additional Information	Battery Module type: SYBTJ4
Battery Charger Power	2751 W rated
Battery Life	5...7 year(s)
Extended Runtime	1

General

Number Of Power Module	5
Number Preinstalled Power Module	1
Number Of Power Module Free Slots	0
Number Of Power Module Filled Slots	0
Redundant	Yes

Physical

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

Colour	Black
Height	206.5 cm
Width	61 cm
Depth	91.5 cm
Net Weight	630 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 listed
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	5942 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
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	818.18 kg

Contractual warranty

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

Sustainability

Green Premium™ 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-CO₂ products.

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

[Learn more about Green Premium >](#)

[Guide to assess a product's sustainability >](#)

Eu Rohs Directive

Will be compliant – Date to be confirmed
