

Product data sheet

Specifications



Symmetra PX 10kW Scalable to 80kW N+1 with Premium XR Battery Enclosure, 208V

SY10K80F

⚠ Discontinued

⚠ Discontinued on: Dec 10, 2020

⚠ End-of-service on: Mar 3, 2022

Overview

Presentation	A high-efficiency 3-phase UPS that is scaleable as your data center grows up to 80kW/80kVA. Suitable for small to medium data centers or individual zones of large data centers
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	10000 W
Rated Power In Va	10000 VA
Output Connector Type	Hard wire 5-wire (3P + N + E) 1
Connections - Terminals	1 screw terminals
Battery Type	External battery system
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	1
Number Of Battery Free Slots	7
Battery Recharge Time	2 h
Battery Charger Power	1375 W rated
Battery Life	3...5 year(s)
Replacement Battery	SYBT4
Extended Runtime	1

General

Number Of Power Module Free Slots	0
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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	207 cm
Width	121.9 cm
Depth	90.2 cm
Net Weight	662.28 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	80000 W
Harmonic Distortion	Less than 3 %
Output Frequency	57...63 Hz for 60 Hz nominal sync to mains 60 Hz +/- 0.1 % for 60 Hz nominal unsynchronised
Crest Factor	Unlimited
Ups Type	Double conversion online
Wave Type	Sine wave
Bypass Type	Built-in static bypass
Maximum Output Current	222 A
Maximum Configurable Power In Va	80000 VA

Conformance

Product Certifications	cUL listed CSA
Standards	FCC part 15 class A ISO 14001 ISO 9001 UL 1778

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	0.00...15240.00 m

Acoustic Level	64 dBA
Heat Dissipation	3381 Btu/h
Nema Degree Of Protection	NEMA 1

Communications & Management

Free Slots	2
Preinstalled Device	Network management card
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	149.9 cm
Package 1 Length	105.4 cm
Package 1 Weight	717.592 kg

Contractual warranty

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