Product data sheet

Specifications

Symmetra PX 10kW Scalable to 100kW, 208V with Startup, No Battery

SY10K100F-NB

⚠ **Discontinued on:** Dec 20, 2023

⚠ **Discontinued**

Overview

Presentation	A modular, high-efficiency 3-phase UPS that is scalable up to 100kW. Suitable for use in small to medium data centers and high density zones.
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
Provided Equipment	Installation guide Network management card Start-up service User manual

Batteries & Runtime

Run Time	View Runtime Graph ⬈
Efficiency	View Efficiency Graph ⬈
Number Of Battery Filled Slots	9
Number Of Battery Free Slots	0
Extended Runtime	0

General

Number Of Power Module Free Slots	0
Number Of Power Module Filled Slots	10
Redundant	Yes

Physical

Colour	Black
Height	201.1 cm
Width	60 cm
Depth	107 cm

Net Weight	332.4 kg
Usb Compatible	No

Input

Network Frequency	40...70 Hz
Input Voltage Limits	177...239 V 208 V
Maximum Input Current	332 A
Input Harmonic Distortion	Less than 5 % for full load
Load Power Factor	0.5 leading to 0.5 lagging
Input Power Factor At Full Load	0.99

Output

Maximum Configurable Power In W	100000 W 100000 W
Harmonic Distortion	Less than 2 %
Output Frequency	57...63 Hz for 60 Hz nominal sync to mains 60 Hz +/- 0.1 % for 60 Hz nominal unsynchronised 50 Hz +/- 0.1 % for 50 Hz nominal unsynchronised
Ups Type	Double conversion online
Wave Type	Sine wave
Output Voltage Tolerance	+/- 1% static and +/- 5% at 100% load step
Output Harmonic Distortion	< 2% for 0 to 100% linear load and < 6% for full non-linear load
Bypass Type	Built-in static bypass
Maximum Configurable Power In Va	100000 VA
Transfer Time	2 ms typical

Conformance

Standards	CSA C22.2 No 107.3-05 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...3333 ft
Ambient Air Temperature For Storage	-15…40 °C
Storage Relative Humidity	0…95 %
Storage Altitude	0.00…15240.00 m
Acoustic Level	67 dBA
Nema Degree Of Protection	NEMA 1

Communications & Management

Free Slots	2

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Preinstalled Device	Network management card with CAN
Control Panel	Multifunction LCD status and control console

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	214 cm
Package 1 Width	121 cm
Package 1 Length	84.8 cm
Package 1 Weight	370.3 kg

Contractual warranty

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

Sustainability

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Guide to assess a product's sustainability ⟩

Energy Efficient

Resource performance

✓ Energy Efficient Product

Eu Rohs Directive   Not compliant