Product data sheet

Specifications

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

SY10K100F-NB

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	3 phase
Main Output Voltage	120 V 208 V 208 V 3 phase
Kw Rating	10000 W
Rated power in VA	10000 VA
Output connector type	Hard Wire 5-wire (3PH + N + G) 1
Provided equipment	Installation guide Network Management Card Start-Up Service User Manual

General

Number of power module free slots	0
Number of power module filled slots	10
Redundant	Yes

Physical

Color	Black
Height	79.17 in (201.1 cm)
Width	23.62 in (60 cm)
Depth	42.13 in (107 cm)
Net Weight	732.82 lb(US) (332.4 kg)
USB compatible	No

Input

Input Frequency	40 - 70 Hz

Efficiency at full load	177...239 V 208 V
Maximum Input Current per Phase	332 A
Input Total 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

Max Configurable Power (Watts)	100000 W 100000 W
Harmonic distortion	Less than 2%
Output Frequency (sync to mains)	57...63 Hz for 60 Hz nominal sync to mains 60 Hz +/- 0.1 % for 60 Hz nominal not synced 50 Hz +/- 0.1 % for 50 Hz nominal not synced
Topology	Double Conversion Online
Waveform Type	Sine wave
Output voltage tolerance	+/-1% static and +/- 5% at 100% load step
Output Voltage THD	< 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	2ms 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	32…104 °F (0…40 °C)
Relative Humidity	0…95 %
Operating altitude	0...3333 ft
Ambient Air Temperature for Storage	5…104 °F (-15…40 °C)
Storage Relative Humidity	0…95 %
Storage altitude	0…50000 ft (0.00…15240.00 m)
Acoustic level	67 dBA
NEMA degree of protection	NEMA 1

Batteries & Runtime

Included Battery Modules	9
Battery Slots Empty	0
Battery power in VAH	0 VAh runtime
Battery option	SYCFXR9
Extendable Run Time	0

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Communications & Management

Free slots	2
Pre-Installed SmartSlot™ Cards	Network management card with CAN
Control panel	Multi-function LCD status and control console
Audible Alarm	Alarm when on battery : distinctive low battery alarm : configurable delays

Ordering and shipping details

Package weight(Lbs)	816.37 lb(US) (370.3 kg)

Packing Units

Package 1 Height	84.25 in (214 cm)
Package 1 width	33.39 in (84.8 cm)
Package 1 Length	47.64 in (121 cm)

Offer Sustainability

EU RoHS Directive	Not compliant
Optimized Energy Efficiency	Energy efficient product

Contractual warranty

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