



Overview

Presentation	A high-efficiency 3-phase UPS that is scaleable as your data center grows up to 40KW/40KVA. Suitable for small to medium data center application.
Lead time	Usually Ships within 3 Weeks

General

Provided equipment	Network management card Start up included User manual
Product web sub-family	Symmetra PX 40kW
Performance multiplier	0.350208
Number of power module	5
Number preinstalled power module	4
Number of tare power	620 W
Number of power module free slots	0
Number of power module filled slots	0
Redundant	Yes
Size UPS version	Internetworking Server Telecom
UPS size	L
Value multiplier	0.81

Physical

Colour	Black
Depth	90.2 cm
Height	207 cm
Mounting location	Front
Mounting preference	No preference
Net weight	775 kg
Mounting mode	Not rack-mountable
Two post mountable	0

USB compatible	No
Width	60 cm

Input

Network frequency	50/60 Hz
Number of input connectors	1 hard wire 5-wire (3P + N + E)
Input voltage limits	177...240 V
Number of cables	1
Input voltage	208 V 3 phases
Cos phi	0.99

Output

Rated power in W	40000 W
Maximum configurable power in W	40000 W
Harmonic distortion	Less than 5 %
Output frequency	57...63 Hz for 60 Hz nominal sync to mains 60 Hz +/- 0.1 % for 60 Hz nominal unsynchronised
UPS type	Double conversion online
Wave type	Sine wave
Connections - terminals	1 screw terminals
Output connector type	Hard wire 5-wire (3P + N + E) 1
Bypass type	Built-in static bypass
Curve equation	Efficiency
Curve fixed loss	0.0129
Curve load maximum	100 %
Curve load minimum	2 %
Curve proportional loss	0.0177
Curve square loss	0.0289
Curve X-axis maximum	100 %
Curve test cond ID	Curve fit of data measured in accordance with the ENERGY STAR Test Method for Uninterruptible Power Supplies. All measurements taken in normal mode(s), at typical environmental conditions, with 208V/60Hz electrical input and balanced resistive load (PF = 1.0) output.
Curve X-axis minimum	0 %
Curve X-axis title	Load
Curve X-axis units	Percentage
Curve Y-axis maximum	100 %
Curve Y-axis minimum	50 %
Curve Y-axis title	Efficiency
Curve Y-axis units	Percentage
Graph display	1
Maximum output current	111 A
Output voltage	120 V 208 V 208 V 3 phases
Maximum configurable power in VA	40000 VA
Rated power in VA	40000 VA

Conformance

Product certifications	CUL listed
Standards	CSA C22.2 No 107.3-05 EN 50091-1 EN 50091-2 FCC part 15 class A ISO 14001 ISO 9001

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 altitude	0.00...15240.00 m
Acoustic level	64 dBA
Heat dissipation	11611 Btu/h
Show note OP temperature	No
NEMA degree of protection	NEMA 1

Batteries & Runtime

Battery type	Lead-acid battery
Number of battery filled slots	4
Number of battery free slots	0
Battery recharge time	2 h
Liquid value	0
Battery curve	P
Battery charger power	5502 W rated
Battery power in VAh	11059 VAh runtime
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

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	854.1 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

Offer Sustainability

EU RoHS Directive	Will be compliant – Date to be confirmed
Optimized Energy Efficiency	Energy efficient product

Contractual warranty

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