



Overview

Description	A high-efficiency, modular 3-phase UPS that offers internal redundancy for your data center requirements. With scalable power, this UPS grows with your data center up to 160kW/kVA. Pair with the Classic Battery Cabinet and the Wall-Mount or 300mm Maintenance Bypass Panel to complete your power protection solution. Please click here for Classic Battery Cabinet runtime information. Suitable for small to medium data centers or individual zones of large data centers.
Model Name	Symmetra PX 96kW Scalable to 160kW, without Bypass, Distribution, or Batteries, 400V
Includes	Network Management Card
Standard Lead Time	Usually Ships within 3 Weeks
Product Distribution	Albania

General

Bypass Connection	5 wire (3PH + N + G)
Max Bypass Input Current	250 A
Bypass Protection Device	250 A

Output

Output Power Capacity	96.0 KW / 96.0 kVA
Max Configurable Power (Watts)	160.0 KW / 160.0 kVA
Nominal Output Voltage	230V
Output Voltage Note	Configurable for 380 : 400 or 415 V 3 Phase nominal output voltage
Output Voltage Distortion	Less than 2%
Output Frequency (sync to mains)	50/60 Hz +/- 3 Hz user adjustable +/- 0.1
Output Frequency (sync to mains)	Double Conversion Online
Waveform Type	Sine wave
Output Connections	(1) Hard Wire 5-wire (3PH + N + G) (Battery Backup)
Output Voltage Tolerance	+/-1% static and +/- 5% at 100% load step
Output Voltage THD	< 2% for 0 to 100% linear load and < 5% for full non linear load
Overload Operation	10 minutes @ 125% and 60 seconds @ 150%
Required Output Current Protection	250 A
Neutral Output Current	240 A
Bypass	Built-in Static Bypass

Input

Nominal Input Voltage	400 3PH
Input Frequency	40 - 70 Hz
Input Connections	Hard Wire 5-wire (3PH + N + G)
Input voltage range for main operations	340 - 477 V
Maximum Input Current	197 A
Input Breaker Capacity	315 A
Maximum Short Circuit Withstand (Icw)	30.0
Input Total Harmonic Distortion	Less than 5% for full load

Batteries & Runtime

Battery Type	No internal battery - uses external battery system
Replacement Battery	SYPX160CLASSICBATTCAB
Efficiency in Battery Operation	94.00 %

Communications & Management

Interface Port(s)	DB-9 RS-232
Available SmartSlot™ Interface Quantity	2
Control panel	Multi-function LCD status and control console
Audible Alarm	Alarm when on battery : distinctive low battery alarm : configurable delays
Emergency Power Off (EPO)	Yes

Physical

Maximum Height	1991.0 mm
Maximum Width	600.0 mm
Maximum Depth	1070.0 mm
Rack Height	42 U
Net Weight	496.0 kg
Shipping Weight	547.0 kg
Shipping Height	2140.0 mm
Shipping Width	848.0 mm
Shipping Depth	1210.0 mm
Color	Black

Environmental

Operating Environment	0 - 40 °C
Operating Relative Humidity	0 - 95 %
Operating Elevation	0-999.9 meters
Storage Temperature	-15 - 40 °C
Storage Relative Humidity	0 - 95 %
Storage Elevation	0-15000 meters
Audible noise at 1 meter from surface of unit	63.000 dB
Online Thermal Dissipation	17244.000 BTU/hr
Protection Class	IP 20

Conformance

Approvals	EN 50091-1
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