

Product datasheet

Specifications



Symmetra PX 32kW scalable to 96kW 400 V

SY32K96H

Price: 1,002,800.00 ZAR

Overview

Presentation	Modular, high-efficiency 3-phase UPS that is scalable as your Data Center grows up to 96kW/96kVA. Suitable for small and medium Data Center applications.
Lead time	Usually Ships within 3 Weeks

Main

Main Input Voltage	400 V 3 phases
Maximum input current	59 A
Max short time withstand current	30 kA
Input harmonic distortion	Less than 5 % for full load
Load power factor	0.5 leading to 0.5 lagging
Cos phi	0.99
Switching current capacity	200 A
Input voltage limits	340...477 V
Number of input connectors	1 hard wire 5-wire (3P + N + E)
Network frequency	40...70 Hz
Output voltage	230 V 400 V 3 phases
Rated power in W	32000 W
rated power in VA	32000 VA
Output connector type	Hard wire 5-wire (3P + N + E) for 1 zone(s)
Bypass type	Built-in static bypass
Harmonic distortion	Less than 2 %
Maximum configurable power in VA	96000 VA
Maximum configurable power in W	96000 W
Output harmonic distortion	< 2% for 0 to 100% linear load and < 6% for full non-linear load
Output overload operation	10 minutes at 125% and 60 seconds at 150%
UPS type	Double conversion online
Wave type	Sine wave
Efficiency	95 % (full load) 95 % (half load) 94 % (in battery operation)
Output frequency	50/60 Hz +/- 3 Hz user adjustable +/- 0.1 Hz sync to mains 50 Hz +/- 0.1 % for 50 Hz nominal unsynchronised
Neutral output current	80 A

Excluding VAT and subject to change. Please check with your local distributor through "Where to buy"

Required output current protection	160 A
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Complementary

Battery type	VRLA
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Additional information	Configurable for 380 : 400 or 415 V 3 Phase nominal output voltage
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Battery voltage	+/- 192 V (split battery referenced to neutral)
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Extended runtime	1
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Maximum short-circuit current	2 kA
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Number of battery filled slots	3
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Number of battery free slots	6
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Battery recharge time	3.5 h
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Number of battery replacement quantity	4
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Max current discharge	111 A
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Overcurrent protection	189 A
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Battery design life	5...8 year(s)
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Discharge battery voltage	+/- 154 V
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Battery charger power	2954 W rated
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Battery overload operation	10 minutes at 125% and 60 seconds at 150%
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Control panel	Multifunction LCD status and control console
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Emergency power off	Yes
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Free slots	2
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Preinstalled device	Network management card with CAN
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Colour	Black
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Height	199.1 cm
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Width	120 cm
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Depth	107 cm
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Net weight	1029 kg
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USB compatible	No
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Provided equipment	Network management card Start-up service User manual
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Bypass wiring configuration	5 wire (3P + N + E)
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Max bypass input current	139 A
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Bypass current protection	160 A
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Number of power module filled slots	2
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Number of power module free slots	8
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Redundant	Yes
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Environment

Product certifications	EUROBAT
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Standards	EN 50091-1 EN/IEC 62040-1-1 EN/IEC 62040-2 EN/IEC 62040-3 ISO 14001 ISO 9001 VFI-SS-111
Ambient air temperature for operation	0...40 °C
Ambient air temperature for storage	-15...40 °C
Storage altitude	0...15240 m
IP degree of protection	IP20
Relative humidity	0...95 %
Storage Relative Humidity	0...95 %
NEMA degree of protection	NEMA 1
Acoustic level	63 dBA
Heat dissipation	5748 Btu/h
Operating altitude	0...3333 ft

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	169.6 cm
Package 1 Weight	1124 kg

Contractual warranty

Warranty (in months)	12
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Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

Use Better



Materials and Substances

[EU RoHS Directive](#)

Compliant with Exemptions

REACH Regulation

[REACH Declaration](#)

Use Longer



Lifetime extension

Repair

No

Use Again



Repack and remanufacture

Take-back

No

WEEE Label



The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins