

Product datasheet

Specifications



Symmetra PX 16kW All-In-One, Scalable to 48kW, without Batteries, 400V

SY16K48H-PDNB

Price: 588,800.00 ZAR

Overview

Presentation Scalable power and distribution in a high-density, single-frame design. This high-efficiency 3-phase UPS scales as your data center grows up to 48kW/48kVA. Suitable for small & medium data center applications. To be used with either external third party battery system, or with internal long life modular batteries SYBT9-B4LL.

Lead time Usually Ships within 3 Weeks

Main

Main Input Voltage	400 V 3 phases
Input voltage	380 V 400 V 415 V
Maximum input current	33 A
Max short time withstand current	30 kA
Input harmonic distortion	Less than 5 % for full load
Input protection type	GL fuse
Load power factor	0.5 leading to 0.5 lagging
Cos phi	0.99
Switching current capacity	100 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
Output voltage	380 V 400 V 415 V
Rated power in W	16000 W
rated power in VA	16000 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	48000 VA
Maximum configurable power in W	48000 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%

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

Output voltage tolerance	+/- 1% static and +/- 5% at 100% load step
UPS type	Double conversion online
Wave type	Sine wave
Output frequency	50/60 Hz +/- 3 Hz user adjustable +/- 0.1 Hz sync to mains 50 Hz +/- 0.1 % for 50 Hz nominal unsynchronised 60 Hz +/- 0.1 % for 60 Hz nominal unsynchronised
Required output current protection	100 A

Complementary

Battery type	External battery system
Additional information	Configurable for 380 : 400 or 415 V 3 Phase nominal output voltage
Extended runtime	0
Number of battery filled slots	0
Number of battery free slots	0
Control panel	Multifunction LCD status and control console
Emergency power off	Yes
Free slots	2
Preinstalled device	Network management card with CAN
Height	199.1 cm
Width	60 cm
Depth	107 cm
Net weight	341 kg
USB compatible	No
Provided equipment	Network management card Start-up service
Bypass voltage tolerance	+/- 10 % settable from +/- 4/6/8 and 10 %
Bypass wiring configuration	5 wire (3P + N + E)
Max bypass input current	80 A
Bypass current protection	80 A
Number of power module filled slots	0
Number of power module free slots	0
Redundant	No

Environment

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
Relative humidity	0...95 %

Storage Relative Humidity	0...95 %
NEMA degree of protection	NEMA 1
Acoustic level	61 dBA
Heat dissipation	2573 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	84.8 cm
Package 1 Weight	368 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

SCIP Number

F4c2965e-f80d-4830-8cd4-be926afb0f45

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

Image of product / Alternate images

Alternative

