

Product datasheet

Specifications



Symmetra PX 128kW Scalable to 160kW, without Bypass, Distribution, or Batteries, 400V

SY128K160H-NB

Price: 1,488,560.00 ZAR

Overview

Presentation 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.

Lead time Usually Ships within 3 Weeks

Main

Main Input Voltage	400 V 3 phases
Maximum input current	236 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	315 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	128000 W
rated power in VA	128000 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	160000 VA
Maximum configurable power in W	160000 W
Output harmonic distortion	< 2% for 0 to 100% linear load and < 5% for full non-linear load
Output overload operation	10 minutes at 125% and 60 seconds at 150%
Output voltage tolerance	+/- 1% static and +/- 5% at 100% load step
UPS type	Double conversion online
Wave type	Sine wave

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

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	320 A
Required output current protection	250 A

Complementary

Battery type	External battery system
Additional information	Configurable for 380 : 400 or 415 V 3 Phase nominal output voltage
Extended runtime	0
Control panel	Multifunction LCD status and control console
Emergency power off	Yes
Free slots	2
Preinstalled device	Network management card with CAN
Colour	Black
Height	199.1 cm
Width	60 cm
Depth	107 cm
Net weight	553 kg
USB compatible	No
Provided equipment	Network management card Start-up service User manual
Bypass wiring configuration	5 wire (3P + N + E)
Max bypass input current	250 A
Bypass current protection	250 A
Number of power module filled slots	8
Number of power module free slots	2
Redundant	Yes

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
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	22992 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	610 kg
-------------------------	--------

Contractual warranty

Warranty (in months)	12
-----------------------------	----



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

Packaging made with recycled cardboard	Yes
Packaging without single use plastic	No
EU RoHS Directive	Not compliant

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