

Product datasheet

Specifications



APC Symmetra LX 8kVA w/ batteries and NMC removed

SYA8K16PX798XB

⚠ Discontinued on: 01 Dec 2024

⚠ To be discontinued

Overview

Lead time Usually in Stock

Main

Main Input Voltage	208 V
Input voltage	240 V
Input harmonic distortion	Less than 7 % for full load
Cos phi	0.98
Input voltage limits	96...138 V line to neutral
Number of input connectors	1 hard wire 4-wire (2P + N + E)
Network frequency	45...65 Hz auto-sensing
Output voltage	120 V
Output voltage	240 V
Rated power in W	6400 W
rated power in VA	8000 VA
Output connector type	Hard wire 4-wire (2P + N + E) for 1 zone(s)
Bypass type	Internal bypass (automatic and manual)
Crest factor	Up to 5 : 1
Harmonic distortion	Less than 5 % at full load
Maximum configurable power in VA	16000 VA
Maximum configurable power in W	12800 W
UPS type	Double conversion online
Wave type	Sine wave
Efficiency	90 % (full load)
Output frequency	47...63 Hz sync to mains

Complementary

Battery type	Lead-acid battery
Number of battery filled slots	0
Number of battery free slots	4
Battery recharge time	3 h

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

Battery life	3...5 year(s)
Control panel	Multifunction LCD status and control console
Colour	Black
Height	1516 mm
Width	483 mm
Depth	726 mm
Net weight	161.08 kg
Mounting location	Front
Mounting preference	No preference
Mounting mode	Not rack-mountable
Two post mountable	0
USB compatible	No
Provided equipment	CD with software
Number of power module filled slots	2
Number of power module free slots	3
Additional specification	4kVA power increments
Redundant	Yes
Product or component type	Uninterruptible power supply (UPS)

Environment

Ambient air temperature for operation	0...40 °C
Ambient air temperature for storage	-15...45 °C
Storage altitude	0...4572 m
Relative humidity	0...95 %
Storage Relative Humidity	0...95 %
Acoustic level	62 dBA
Heat dissipation	3485 Btu/h
Operating altitude	0...10000 ft

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	118.1 cm
Package 1 Width	99.7 cm
Package 1 Length	59.9 cm
Package 1 Weight	236.32 kg

Contractual warranty

Warranty (in months)	24
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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

Packaging made with recycled cardboard

No

Packaging without single use plastic

No

[EU RoHS Directive](#)

Compliant with Exemptions

REACH Regulation

[REACH Declaration](#)

Use Longer



Lifetime extension

Repair

No

Use Again



Repack and remanufacture


Removable battery

User replaceable

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