

# Product data sheet

Specifications



## APC Symmetra LX 8kVA Scalable to 16kVA N+1, Tower 208/240V, web card shipped separately

SYA8K16PX798

### Overview

Lead time Special Order - Call for Quoted Lead Times

### Main

Main Input Voltage	208 V
Number of input connectors	1 Hard Wire 3-wire (1PH+N+G)
Output voltage	120 V 208 V
Other Output Voltages	240 V
Rated power in W	6400 W
rated power in VA	8000 VA
Output connector type	Hard Wire 4-wire (2PH+N+G) for 1 zone(s)
Bypass type	Internal Bypass (Automatic and Manual)
Crest factor	Up to 5 : 1
Maximum configurable power in VA	16000 VA
Max Configurable Power (Watts)	12800 W
Maximum output current	37 A
Topology	On-Line
Waveform Type	Sine wave
Output frequency	47...63 Hz sync to mains 60 Hz +/- 0.1 % for 60 Hz nominal not synced

### Complementary

Battery Type	Lead-Acid battery
Additional information	Configurable for 200 : 208 or 220V 3 Phase nominal output voltage
Extendable Run Time	0
Included Battery Modules	2
Battery Slots Empty	2
Typical recharge time	3 h
Battery Life	3...5 year(s)
Battery Charge Power (Watts)	574 W rated
Control panel	Multi-function LCD status and control console
Free slots	2
Alarm	Audible and visible alarms : prioritized by severity

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

<b>Height</b>	19.02 in (483 mm)
<b>Width</b>	19.02 in (483 mm)
<b>Depth</b>	28.6 in (726 mm)
<b>Product Weight</b>	482.99 lb(US) (219.08 kg)
<b>Mounting preference</b>	No preference
<b>Mounting Mode</b>	Not rack-mountable
<b>Two post mountable</b>	0
<b>USB compatible</b>	No
<b>Provided equipment</b>	CD with software Installation guide User Manual Web/SNMP Management Card
<b>Number of power module filled slots</b>	2
<b>Number of power module free slots</b>	3
<b>Redundant</b>	No
<b>Product or Component Type</b>	Uninterruptible power supply (UPS)
<b>Curve equation</b>	Efficiency
<b>Curve fixed loss</b>	0.0305
<b>Curve load maximum</b>	100 %
<b>Curve load minimum</b>	4 %
<b>Curve proportional loss</b>	0.0622
<b>Curve square loss</b>	0.0196
<b>Curve test cond ID</b>	Curve fit to measured efficiency data. All measurements taken in normal operating mode, at typical environmental conditions, with nominal electrical input and balanced resistive load (PF = 1.0) output.
<b>Curve X-axis maximum</b>	100 %
<b>Curve X-axis minimum</b>	0 %
<b>Curve X-axis title</b>	Load
<b>Curve X-axis units</b>	Percentage
<b>Curve Y-axis maximum</b>	100 %
<b>Curve Y-axis minimum</b>	50 %
<b>Curve Y-axis title</b>	Efficiency
<b>Curve Y-axis units</b>	Percentage
<b>Graph display</b>	1
<b>Show note OP temperature</b>	No
<b>UPS size</b>	WS

## Environment

<b>Standards</b>	FCC Part 15 class A UL 1778
<b>Ambient Air Temperature for Operation</b>	32...104 °F (0...40 °C)
<b>Ambient Air Temperature for Storage</b>	5...113 °F (-15...45 °C)
<b>Storage altitude</b>	0...15000 ft (0...4572 m)

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Relative Humidity	0...95 %
Storage Relative Humidity	0...95 %
Acoustic level	62 dBA
Online Thermal Dissipation	5 Btu/h
Operating altitude	0...10000 ft

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## General

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## Ordering and shipping details

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GTIN	731304333821
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## Packing Units

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Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	46.5 in (118.1 cm)
Package 1 Width	39.3 in (99.7 cm)
Package 1 Length	23.6 in (59.9 cm)
Package weight(Lbs)	521.00 lb(US) (236.32 kg)

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## Contractual warranty

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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 >](#)



### Environmental footprint

Total lifecycle Carbon footprint	38 624 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	3 164 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	30 kg CO2 eq.
Carbon footprint of the installation phase [A5]	29 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	35 321 kg CO2 eq.
Carbon footprint of the end-of-life phase [C1 to C4]	80 kg CO2 eq.

## Use Better



### Materials and Substances

Packaging made with recycled cardboard	Yes
Packaging without single use plastic	No
EU RoHS Directive	<a href="#">Compliant By Exemption</a>
REACH Regulation	<a href="#">Reference contains Substances of Very High Concern above the threshold</a>

## Use Longer



### Lifetime extension

Repair	No
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## Use Again



### Repack and remanufacture

Removable battery	User replaceable
Take-back	Yes

Image of product / Alternate images

Alternative

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