

# Product datasheet

Specifications



## APC Symmetra LX 8kVA Scalable to 16kVA N+1 Ext. Run Tower, 220/230/240V or 380/400/415V

SYA8K16IXR

**Price: 331,297.25 ZAR**

### Overview

**Presentation** High performance, redundant power protection with scalable power and runtime for space-constrained server rooms, and voice and data networks.

**Lead time** Usually in Stock

### Main

<b>Main Input Voltage</b>	220 V AC 1 phase 400 V AC 3 phases 230 V AC 1 phase 240 V AC 1 phase 380 V AC 3 phases 415 V AC 3 phases
<b>Input voltage</b>	220 V 240 V 380 V 415 V
<b>Input harmonic distortion</b>	Less than 7 % for full load
<b>Cos phi</b>	0.98
<b>Input voltage limits</b>	155...276 V 1:1 290...480 V 3:1
<b>Number of input connectors</b>	1 hard wire 3-wire (1P + N + E) 1 hard wire 5-wire (3P + N + E)
<b>Network frequency</b>	45...65 Hz auto-sensing
<b>Output voltage</b>	220 V AC 1 phase 230 V AC 1 phase 240 V AC 1 phase
<b>Output voltage</b>	220 V 240 V
<b>Rated power in W</b>	5600 W
<b>rated power in VA</b>	8000 VA
<b>Output connector type</b>	Hard wire 3-wire (H N + E) for 1 zone(s)
<b>Bypass type</b>	Internal bypass (automatic and manual)
<b>Crest factor</b>	Up to 5 : 1
<b>Harmonic distortion</b>	Less than 5 % at full load
<b>Maximum configurable power in VA</b>	16000 VA
<b>Maximum configurable power in W</b>	11200 W
<b>Maximum output current</b>	36 A
<b>UPS type</b>	Double conversion online
<b>Wave type</b>	Sine wave

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

<b>Output frequency</b>	47..63 Hz sync to mains 60 Hz +/- 0.1 % for 60 Hz nominal unsynchronised 50 Hz +/- 0.1 % for 50 Hz nominal unsynchronised
-------------------------	---

## Complementary

<b>Battery type</b>	Lead-acid battery
<b>Additional information</b>	Configurable for 220 : 230 or 240 nominal output voltage
<b>Extended runtime</b>	1
<b>Number of battery filled slots</b>	9
<b>Number of battery free slots</b>	4
<b>Battery recharge time</b>	7.5 h
<b>Battery life</b>	3...5 year(s)
<b>Battery charger power</b>	1035 W rated
<b>Battery type</b>	Lead-acid internal included
<b>Control panel</b>	Multifunction LCD status and control console
<b>Emergency power off</b>	Yes
<b>Free slots</b>	1
<b>Preinstalled device</b>	Network management card 2 with environmental monitoring
<b>Alarm</b>	Audible and visible alarms : prioritized by severity
<b>UPS connectivity</b>	Serial port Available expansion slot Pre-installed network management card 3
<b>Colour</b>	Black Silver
<b>Height</b>	1516 mm
<b>Width</b>	483 mm
<b>Depth</b>	726 mm
<b>Net weight</b>	473.64 kg
<b>Mounting location</b>	Front
<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>Mounting mode</b>	Tower
<b>Provided equipment</b>	CD with software Documentation CD 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>Additional specification</b>	4kVA power increments
<b>Redundant</b>	Yes
<b>Range of product</b>	Symmetra LX
<b>Product or component type</b>	Uninterruptible power supply (UPS)

Performance multiplier	1
Number of tare power	200 W
Value multiplier	1
Size UPS version	Internetworking Server Telecom
Curve equation	Efficiency
Curve fixed loss	0.0464
Curve load maximum	100 %
Curve load minimum	5 %
Curve proportional loss	0.0238
Curve square loss	0.02
Curve test cond ID	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.
Curve X-axis maximum	100 %
Curve X-axis minimum	0 %
Curve X-axis title	Load
Curve X-axis units	Percentage
Curve Y-axis maximum	100 %
Curve Y-axis minimum	50 %
Curve Y-axis title	Efficiency
Curve Y-axis units	Percentage
Graph display	1
Show note OP temperature	No
Battery curve	C
Liquid value	0
Battery design life	2 year(s)
UPS design life	10 year(s)
Battery power in VAh	7776 VAh runtime
Battery option	SYBT5 2 9504 VAh SYBT5 4 11232 VAh SYAXR9B9I 1 15552 VAh SYAXR9B9I 2 23328 VAh SYAXR9B9I 3 31104 VAh SYAXR9B9I 4 38880 VAh SYAXR9B9I 5 46656 VAh SYAXR9B9I 6 54432 VAh
UPS size	L

## Environment

Product certifications	C-Tick CE GOST VDE
------------------------	-----------------------------

<b>Standards</b>	EN 50091-1 EN 50091-2 EN 55022 class A EN 55024 EN 60950 IEC 60950
<b>Ambient air temperature for operation</b>	0...40 °C
<b>Ambient air temperature for storage</b>	-15...45 °C
<b>Storage altitude</b>	0...4572 m
<b>Relative humidity</b>	0...95 %
<b>Storage Relative Humidity</b>	0...95 %
<b>Acoustic level</b>	62 dBA
<b>Heat dissipation</b>	3707 Btu/h
<b>Operating altitude</b>	0...10000 ft

## Packing Units

<b>Unit Type of Package 1</b>	PCE
<b>Number of Units in Package 1</b>	1
<b>Package 1 Height</b>	188 cm
<b>Package 1 Width</b>	99.7 cm
<b>Package 1 Length</b>	59.9 cm
<b>Package 1 Weight</b>	502.27 kg

## Contractual warranty

<b>Warranty (in months)</b>	24
-----------------------------	----



## 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 34345

## Use Better



### Materials and Substances

Packaging made with recycled cardboard Yes

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