

# Product datasheet

Specifications



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

SYA16K16IXR

### Overview

<b>Presentation</b>	High performance, redundant power protection with scalable power and runtime for space-constrained server rooms, and voice and data networks.
<b>Lead time</b>	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>Product or component type</b>	Uninterruptible power supply (UPS)
<b>Other Input Voltage</b>	220 V 240 V 380 V 415 V
<b>Main Output Voltage</b>	220 V AC 1 phase 230 V AC 1 phase 240 V AC 1 phase
<b>Other Output Voltage</b>	220 V 240 V
<b>Rated power in W</b>	11200 W
<b>rated power in VA</b>	16000 VA
<b>Output connector type</b>	Hard wire 3-wire (H N + E) for 1 zone(s)
<b>Battery type</b>	Lead-acid battery
<b>Provided equipment</b>	CD with software Documentation CD User manual Web/SNMP management card
<b>Range of product</b>	Symmetra LX


### Complementary

<b>Battery type</b>	Lead-acid internal included
<b>UPS connectivity</b>	Serial port Available expansion slot Pre-installed network management card 3
<b>Mounting mode</b>	Tower

### Batteries & Runtime

<b>Run Time</b>	<a href="#">View Runtime Graph</a>
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Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

<b>Efficiency</b>	<a href="#">View Efficiency Graph</a> 
<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>Additional information</b>	Configurable for 220 : 230 or 240 nominal output voltage
<b>Battery charger power</b>	1035 W rated
<b>Battery life</b>	3...5 year(s)
<b>Extended runtime</b>	1

## General

<b>product web sub-family</b>	4kVA power increments
<b>Number of power module free slots</b>	1
<b>Number of power module filled slots</b>	4
<b>Redundant</b>	Yes

## Physical

<b>Colour</b>	Black Silver
<b>Height</b>	1516 mm
<b>Width</b>	483 mm
<b>Depth</b>	726 mm
<b>Net weight</b>	503.64 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

## Input

<b>Network frequency</b>	45...65 Hz auto-sensing
<b>Number of input connectors</b>	1 hard wire 3-wire (1P + N + E) 1 hard wire 5-wire (3P + N + E)
<b>Input voltage limits</b>	155...276 V 1:1 290...480 V 3:1
<b>Input harmonic distortion</b>	Less than 7 % for full load
<b>Input Power Factor at Full Load</b>	0.98

## Output

<b>Maximum configurable power in W</b>	11200 W
<b>Harmonic distortion</b>	Less than 5 % at full load
<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
<b>Crest factor</b>	Up to 5 : 1

<b>UPS type</b>	Double conversion online
<b>Wave type</b>	Sine wave
<b>Bypass type</b>	Internal bypass (automatic and manual)
<b>Maximum output current</b>	73 A
<b>Maximum configurable power in VA</b>	16000 VA

## Conformance

<b>Product certifications</b>	C-Tick CE GOST VDE
<b>Standards</b>	EN 50091-1 EN 50091-2 EN 55022 class A EN 55024 EN 60950 IEC 60950

## Environmental

<b>Ambient air temperature for operation</b>	0...40 °C
<b>Relative humidity</b>	0...95 %
<b>Operating altitude</b>	0...10000 ft
<b>Ambient air temperature for storage</b>	-15...45 °C
<b>Storage Relative Humidity</b>	0...95 %
<b>Storage altitude</b>	0...4572 m
<b>Acoustic level</b>	62 dBA
<b>Heat dissipation</b>	3707 Btu/h

## Communications & Management

<b>Free slots</b>	1
<b>Preinstalled device</b>	Network management card 2 with environmental monitoring
<b>Control panel</b>	Multifunction LCD status and control console
<b>Alarm</b>	Audible and visible alarms : prioritized by severity
<b>Emergency power off</b>	Yes

## 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>	535.45 kg

## Contractual warranty

<b>Warranty (in months)</b>	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 48644

Environmental Disclosure [Product Environmental Profile](#)

## 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](#)

### Energy efficiency

Energy Efficiency Optimized Energy efficient product

## Use Again

### Repack and remanufacture

End of life manual availability [End of Life Information](#)

Removable battery User replaceable

Take-back Yes

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

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