



APC Symmetra LX 12kVA scalable to 16kVA N+1 Tower, 220/230/240V or 380/400/415V

SYA12K16I

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	
Main Input Voltage	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
Product or component type	Uninterruptible power supply (UPS)
Other Input Voltage	220 V
	240 V
	380 V
	415 V
Main Output Voltage	220 V AC 1 phase
	230 V AC 1 phase
	240 V AC 1 phase
Other Output Voltage	220 V
, ,	240 V
Rated power in W	8400 W
rated power in VA	12000 VA
Output connector type	Hard wire 3-wire (H N + E) for 1 zone(s)
Battery type	Lead-acid battery
Provided equipment	CD with software
	Documentation CD
	Installation guide
	User manual
	Web/SNMP management card
Range of product	Symmetra LX

Complementary

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

Batteries & Runtime

Run Time View Runtime Graph

Efficiency	View Efficiency Graph ☐	
Number of battery filled slots	3	
Number of battery free slots	1	
Battery recharge time	3 h	
Additional information	Configurable for 220 : 230 or 240 nominal output voltage	
Battery charger power	861 W rated	
Battery life	35 year(s)	
Extended runtime	1	

General

product web sub-family	4kVA power increments
Number of power module free slots	2
Number of power module filled slots	3
Redundant	Yes

Physical

Colour	Black Silver
Height	937 mm
Width	483 mm
Depth	726 mm
Net weight	263.64 kg
Mounting location	Front
Mounting preference	No preference
Mounting mode	Not rack-mountable
Two post mountable	0
USB compatible	No

Input

Network frequency	4565 Hz auto-sensing
Number of input connectors	1 hard wire 3-wire (1P + N + E) 1 hard wire 5-wire (3P + N + E)
Input voltage limits	155276 V 290480 V 3:1
Input harmonic distortion	Less than 7 % for full load
Input Power Factor at Full Load	0.98

Output

Maximum configurable power in W	11200 W
Harmonic distortion	Less than 5 % at full load
Output frequency	4763 Hz sync to mains 60 Hz +/- 0.1 % for 60 Hz nominal unsynchronised 50 Hz +/- 0.1 % for 50 Hz nominal unsynchronised
Crest factor	Up to 5 : 1

UPS type	Double conversion online
Wave type	Sine wave
Bypass type	Internal bypass (automatic and manual)
Maximum output current	55 A
Maximum configurable power in VA	16000 VA

Conformance

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

Environmental

Ambient air temperature for operation	040 °C
Relative humidity	095 %
Operating altitude	010000 ft
Ambient air temperature for storage	-1545 °C
Storage Relative Humidity	095 %
Storage altitude	04572 m
Acoustic level	62 dBA
Heat dissipation	3707 Btu/h

Communications & Management

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

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	118.1 cm
Package 1 Width	59.9 cm
Package 1 Length	99.7 cm
Package 1 Weight	287.27 kg

Contractual warranty

Warranty (in months)	24	



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	42559
Environmental Disclosure	Product Environmental Profile

Use Better

Packaging made with recycled cardboard	Yes
Packaging without single use plastic	No
EU RoHS Directive	Compliant with Exemptions
SCIP Number	2d54512b-134b-4bf3-ab6e-849ecf1e3919
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













