



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

SYA16K16I

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	230 V 400 V 3 phases
Product or component type	Uninterruptible power supply (UPS)
Other Input Voltage	220 V 240 V 380 V 415 V
Main Output Voltage	230 V
Other Output Voltage	220 V 240 V
Rated power in W	11200 W
Rated power in VA	16000 VA
Output connector type	Hard wire 3-wire (H N + E) 1
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

Batteries & Runtime

Run Time	View Runtime Graph ☐	
Efficiency	View Efficiency Graph ☐	
Number of battery filled slots	4	
Number of battery free slots	0	
Battery recharge time	3 h	
Additional information	Configurable for 220 : 230 or 240 nominal output voltage	
Battery charger power	1148 W rated	
Battery life	35 year(s)	
Extended runtime	1	

General

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

Physical

Colour	Black Silver
Height	93.7 cm
Width	48.3 cm
Depth	72.6 cm
Net weight	307.73 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	73 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	0.00000000004572.0000000000 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	337.73 kg

Contractual warranty

Warranty	2 years repair or replace
----------	---------------------------



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		
Carbon footprint (kg.eq.CO2 per CR, Total Life cycle)	53926	

Use Better

EU RoHS Directive	Compliant with Exemptions
REACh Regulation	REACh Declaration
₩ Energy efficiency	
Optimized Energy Efficiency	Energy efficient product

Use Again

○ Repack and remanufacture	
Removable battery	User replaceable
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
Take-back	Yes