

# Product data sheet

Specifications



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

SYA8K16P

### Overview

Lead time Usually in Stock

### Main

Main Input Voltage	208 V
Other Input Voltage	240 V
Main Output Voltage	120 V 208 V
Other Output Voltage	240 V
Rated power in W	6400 W
Rated power in VA	8000 VA
Output connector type	Hard wire 4-wire (2P + N + E) 1
Battery type	Lead-acid battery
Provided equipment	CD with software Installation guide User manual Web/SNMP management card

### General

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

### Physical

Colour	Black Silver
Height	36.89 in (93.7 cm)
Width	19.02 in (48.3 cm)
Depth	28.58 in (72.6 cm)
Net weight	484.03 lb(US) (219.55 kg)
Mounting location	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 4-wire (2P + N + E)
<b>Input voltage limits</b>	96...138 V line to neutral
<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>	12800 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>	37 A
<b>Maximum configurable power in VA</b>	16000 VA

## Conformance


<b>Product certifications</b>	CSA
<b>Standards</b>	FCC part 15 class A UL 1778

## Environmental

<b>Ambient air temperature for operation</b>	32...104 °F (0...40 °C)
<b>Relative humidity</b>	0...95 %
<b>Operating altitude</b>	0...10000 ft
<b>Ambient air temperature for storage</b>	5...113 °F (-15...45 °C)
<b>Storage Relative Humidity</b>	0...95 %
<b>Storage altitude</b>	0...15000 ft (0.00...4572.00 m)
<b>Acoustic level</b>	62 dBA
<b>Heat dissipation</b>	4995 Btu/h

## Batteries & Runtime

<b>Number of battery filled slots</b>	2
<b>Number of battery free slots</b>	2
<b>Battery recharge time</b>	3 h

<b>Additional information</b>	Configurable for 120/208 or 120/240 output voltage
<b>Battery charger power</b>	574 W rated
<b>Battery power in VAH</b>	1728 VAh runtime
<b>Battery life</b>	3...5 year(s)
<b>Replacement battery</b>	<a href="#">SYBT5</a> 
<b>Battery option</b>	SYBT5 1 2592 VAh SYBT5 2 3456 VAh SYAXR9B9 1 9504 VAh SYAXR9B9 2 17280 VAh SYAXR9B9 3 25056 VAh SYAXR9B9 4 32832 VAh SYAXR9B9 5 40608 VAh SYAXR9B9 6 48384 VAh
<b>Extended runtime</b>	1

## 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>	46.50 in (118.1 cm)
<b>Package 1 Width</b>	39.25 in (99.7 cm)
<b>Package 1 Length</b>	23.58 in (59.9 cm)
<b>Package 1 Weight</b>	522.10 lb(US) (236.82 kg)

## Offer Sustainability

<b>Sustainable offer status</b>	Green Premium product
<b>REACH Regulation</b>	<a href="#">REACH Declaration</a>
<b>EU RoHS Directive</b>	Compliant <a href="#">EU RoHS Declaration</a>
<b>Mercury free</b>	Yes
<b>RoHS exemption information</b>	<a href="#">Yes</a>
<b>Optimized Energy Efficiency</b>	Energy efficient product
<b>Take-back</b>	Take-back program available

## Contractual warranty

<b>Warranty</b>	2 years repair or replace
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## Recommended replacement(s)