

Product data sheet

Specifications



APC Symmetra LX 8kVA Scalable to 16kVA N+1 Rack-mount, 208/240V

SYA8K16RMP

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
Kw Rating	6400 W
Rated power in VA	8000 VA
Output connection type	8 NEMA L5-20R 4 NEMA L14-30R
Output connector type	Hard Wire 4-wire (2PH+N+G) 1
Number of rack unit	19U
Battery type	Lead-Acid battery
Provided equipment	CD with software Documentation CD Installation guide Rack Mounting support rails User Manual Web/SNMP Management Card

Batteries & Runtime

Included Battery Modules	2
Battery Slots Empty	2
Typical recharge time	3 h
Additional information	Configurable for 120/208 or 120/240 output voltage
Battery Charge Power (Watts)	574 W rated
Battery power in VAh	1728 VAh runtime
Battery Life	3...5 year(s)
Replacement battery	SYBT5
Battery option	SYBT5 2 3456 VAh SYARMXR3B3 1 4320 VAh SYARMXR3B3 2 6912 VAh SYARMXR9B9 1 9504 VAh SYARMXR9B9 2 17280 VAh

Extendable Run Time 1

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

Color Black
Silver

Height 32.91 in (83.6 cm)

Width 18.58 in (47.2 cm)

Depth 27.09 in (68.8 cm)

Net Weight 437.93 lb(US) (198.64 kg)

Mounting Location Front

Mounting preference Lower

Mounting Mode Rack-mounted

Two post mountable 0

USB compatible No

Input

Input Frequency 45...65 Hz auto-sensing

Number of input connectors 1 Hard Wire 4-wire (2PH+N+G)

Efficiency at full load 96...138 V line to neutral

Input Total Harmonic Distortion Less than 7% for full load

Input Power Factor at Full Load 0.98

Output

Max Configurable Power (Watts) 12800 W

Harmonic distortion Less than 5 % at full load

Output Frequency (sync to mains) 47...63 Hz sync to mains
60 Hz +/- 0.1 % for 60 Hz nominal not synced
50 Hz +/- 0.1 % for 50 Hz nominal not synced

Crest factor Up to 5 : 1

Topology Double Conversion Online

Waveform Type Sine wave

Bypass type Internal Bypass (Automatic and Manual)
Optional External Bypass

Maximum output current 37 A

Maximum configurable power in VA 16000 VA

Conformance

Product Certifications	CSA
Standards	FCC Part 15 class A OSHPD UL 1778

Environmental

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

Communications & Management

Free slots	1
Pre-Installed SmartSlot™ Cards	Network management card 2 with environmental monitoring
Control panel	Multi-function LCD status and control console
Alarm	Audible and visible alarms : prioritized by severity
Emergency Power Off (EPO)	Yes

Ordering and shipping details

GTIN	731304740001
------	--------------

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	41.50 in (105.4 cm)
Package 1 Width	39.25 in (99.7 cm)
Package 1 Length	23.58 in (59.9 cm)
Package 1 Weight	528.14 lb(US) (239.56 kg)

Offer Sustainability

Sustainable offer status	Green Premium product
California proposition 65	WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov
REACH Regulation	REACH Declaration
EU RoHS Directive	Compliant EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes
Optimized Energy Efficiency	Energy efficient product

Take-back Take-back program available

Contractual warranty

Warranty 2 years repair or replace

Recommended replacement(s)