Product data sheet

Specifications

Green Premium™

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

SYA16K16RMP

Overview

Lead Time	Usually in Stock

Main

Main Input Voltage	208 V
Product Or Component Type	Uninterruptible power supply (UPS)
Other Input Voltage	240 V
Main Output Voltage	120 V 208 V
Other Output Voltage	240 V
Kw Rating	12800 W
Rated Power In Va	16000 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 Temperature Probe User Manual Web/SNMP Management Card

Batteries & Runtime

Run Time	View Runtime Graph ↗
Efficiency	View Efficiency Graph ↗
Included Battery Modules	4
Battery Slots Empty	0
Typical Recharge Time	3 h
Additional Information	Configurable for 120/208 or 120/240 output voltage
Battery Charge Power (Watts)	1148 W rated
Battery Life	3…5 year(s)
Replacement Battery	SYA8K16PX798 ↗ SYBT5 ↗

Extendable Run Time	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

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	632.33 lb(US) (286.82 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	75 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	731304733041

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	750.56 lb(US) (340.45 kg)

Contractual warranty

Warranty	2 years repair or replace

Sustainability

Green Premium™ label is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO_2 products.

Learn more about Green Premium ⟩

Energy Efficient   Take-back   RoHS/REACh

Resource performance

✓ Energy Efficient Product

✓ Take-Back Program Available

Well-being performance

✓ Mercury Free

✓ Rohs Exemption Information   Yes

Certifications & Standards

Reach Regulation   REACh Declaration

Eu Rohs Directive   Compliant with Exemptions

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