

Product data sheet

Specifications



APC Symmetra LX 8kVA N+1 Rack Mount 208V with Frozen NMC Firmware and no PDUs

SYA8K8RMPNX424

Overview

Lead time Usually in Stock

Main

Main Input Voltage	208 V AC 1 phase 120 V AC 1 phase
Other Input Voltages	240 V
Input Total Harmonic Distortion	Less than 7% for full load
Cos phi	0.98
Efficiency at full load	96...138 V line to neutral
Number of input connectors	1 Hard Wire 4-wire (2PH+N+G)
Input Frequency	45...65 Hz auto-sensing
Output voltage	120 V AC 1 phase 208 V AC 1 phase
Other Output Voltages	240 V
Rated power in W	6400 W
rated power in VA	8000 VA
Output connector type	Hard Wire 4-wire (2PH+N+G) for 1 zone(s)
Bypass type	Internal Bypass (Automatic and Manual) Optional External Bypass
Crest factor	Up to 5 : 1
Harmonic distortion	Less than 5 % at full load
Maximum configurable power in VA	8000 VA
Max Configurable Power (Watts)	6400 W
Maximum output current	37 A
Topology	On-Line
Waveform Type	Sine wave
Efficiency at full load	90 % full load)
Output frequency	47...63 Hz sync to mains 60 Hz +/- 0.1 % for 60 Hz nominal not synced

Complementary

Battery Type	Lead-Acid battery
Additional information	Configurable for 120/208 or 120/240 output voltage
Extendable Run Time	1

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

Included Battery Modules	2
Battery Slots Empty	0
Typical recharge time	3 h
Battery Life	3...5 year(s)
Battery Charge Power (Watts)	574 W rated
Battery Size	Lead-acid internal included
Control panel	Multi-function LCD status and control console
Emergency Power Off (EPO)	Yes
Free slots	1
Pre-Installed SmartSlot Cards	Network management card 2 with environmental monitoring
Alarm	Audible and visible alarms : prioritized by severity
UPS connectivity	Serial port USB port Available expansion slot Pre-installed network management card 3
Number of rack unit	13U
color	Black Silver
Height	22.5 in (572 mm)
Width	18.6 in (472 mm)
Depth	27.09 in (688 mm)
Product Weight	392.82 lb(US) (178.18 kg)
Mounting Location	Front
Mounting preference	Lower
Mounting Mode	Rack-mounted
Two post mountable	0
USB compatible	No
Mounting mode	Rack-mounted
Provided equipment	CD with software Documentation CD Installation guide User Manual Web/SNMP Management Card
Number of power module filled slots	2
Number of power module free slots	1
Additional specification	4kVA power increments
Redundant	Yes
Range of Product	Symmetra
Product or Component Type	Uninterruptible power supply (UPS)
Performance multiplier	1
Value multiplier	1
Size UPS version	Internetworking Server Telecom
Curve equation	Efficiency

Curve load maximum	100 %
Curve X-axis maximum	100 %
Curve X-axis minimum	0 %
Curve X-axis title	Load
Curve X-axis units	Percentage
Curve Y-axis maximum	100 %
Curve Y-axis minimum	50 %
Curve Y-axis title	Efficiency
Curve Y-axis units	Percentage
Graph display	1
Show note OP temperature	No
UPS size	L

Environment

Product Certifications	CSA
Standards	FCC Part 15 class A OSHDP UL 1778
Ambient Air Temperature for Operation	32...104 °F (0...40 °C)
Ambient Air Temperature for Storage	5...113 °F (-15...45 °C)
Storage altitude	0...15000 ft (0...4572 m)
Relative Humidity	0...95 %
Storage Relative Humidity	0...95 %
Acoustic level	62 dBA
Online Thermal Dissipation	3707 Btu/h
Operating altitude	0...10000 ft

General

Number of tare power	200 W
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Ordering and shipping details

GTIN	731304296294
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Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	31.0 in (78.7 cm)
Package 1 Width	39.3 in (99.7 cm)
Package 1 Length	23.6 in (59.9 cm)
Package weight(Lbs)	478.007 lb(US) (216.82 kg)

Contractual warranty

Warranty (in months)	24
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Environmental Data

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 >](#)

Use Better



Materials and Substances

Packaging made with recycled cardboard	Yes
Packaging without single use plastic	No
EU RoHS Directive	Compliant By Exemption

Use Longer



Lifetime extension

Repair	No
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Use Again



Repack and remanufacture

Removable battery	User replaceable
Take-back	Yes

Image of product / Alternate images

Alternative

