

Product data sheet

Specifications



APC Symmetra LX 8kVA w/ batteries and NMC removed

SYA8K16IXRX798XB

Overview

Lead time Usually in Stock

Main

Main Input Voltage	230 V
Other Input Voltages	220 V
Input Total Harmonic Distortion	Less than 7% for full load
Cos phi	0.98
Efficiency at full load	155...276 V 1:1
Number of input connectors	1 Hard Wire 3-wire (1PH+N+G)
Input Frequency	45...65 Hz auto-sensing
Output voltage	230 V
Other Output Voltages	220 V
Rated power in W	6400 W
rated power in VA	8000 VA
Output connector type	Hard Wire 3-wire (H N + E) for 1 zone(s)
Bypass type	Internal Bypass (Automatic and Manual)
Crest factor	Up to 5 : 1
Harmonic distortion	Less than 5 % at full load
Maximum configurable power in VA	16000 VA
Max Configurable Power (Watts)	12800 W
Topology	On-Line
Waveform Type	Sine wave
Efficiency at full load	90 % full load)
Output frequency	47...63 Hz sync to mains

Complementary

Battery Type	Lead-Acid battery
Included Battery Modules	0
Battery Slots Empty	12
Typical recharge time	3 h
Battery Life	3...5 year(s)
Control panel	Multi-function LCD status and control console

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

color	Black
Height	59.7 in (1516 mm)
Width	19.02 in (483 mm)
Depth	28.6 in (726 mm)
Product Weight	468.79 lb(US) (212.64 kg)
Mounting Location	Front
Mounting preference	No preference
Mounting Mode	Not rack-mountable
Two post mountable	0
USB compatible	No
Provided equipment	CD with software
Number of power module filled slots	2
Number of power module free slots	3
Additional specification	4kVA power increments
Redundant	Yes
Product or Component Type	Uninterruptible power supply (UPS)
Performance multiplier	1
Value multiplier	1
Size UPS version	Internetworking
Curve load maximum	100 %
Curve test cond ID	Curve fit to measured efficiency data. All measurements taken in normal operating mode, at typical environmental conditions, with nominal electrical input and balanced resistive load (PF = 1.0) output.
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	WS

Environment

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	3485 Btu/h
Operating altitude	0...10000 ft

General

Number of tare power	200 W
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Ordering and shipping details

GTIN	731304629214
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Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	74.02 in (188 cm)
Package 1 Width	39.3 in (99.7 cm)
Package 1 Length	23.6 in (59.9 cm)
Package weight(Lbs)	1107.32 lb(US) (502.27 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	No
Packaging without single use plastic	No
EU RoHS Directive	Compliant By Exemption
REACH Regulation	Reference contains Substances of Very High Concern above the threshold

Use Longer




Lifetime extension

Repair	No
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Use Again



Repack and remanufacture

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