

Product data sheet

Specifications



APC Symmetra LX 8kVA w/ batteries and NMC removed

SYA8K16PX798XB

Overview

Lead time Usually in Stock

Main

| | |
|----------------------------------|--|
| Main Input Voltage | 208 V |
| 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 |
| 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) |
| 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 | 4 |
| 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 | 355.12 lb(US) (161.08 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 |
|----------------------|-------|

Ordering and shipping details

| | |
|------|--------------|
| GTIN | 731304629207 |
|------|--------------|

Packing Units

| | |
|------------------------|---------------------------|
| Unit Type of Package 1 | PCE |
| Nbr. of units in pkg. | 1 |
| Package 1 Height | 46.5 in (118.1 cm) |
| Package 1 Width | 39.3 in (99.7 cm) |
| Package 1 Length | 23.6 in (59.9 cm) |
| Package weight(Lbs) | 521.00 lb(US) (236.32 kg) |

Contractual warranty

| | |
|----------------------|----|
| Warranty (in months) | 24 |
|----------------------|----|



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 |
|--------|----|

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. |