

# Product datasheet

Specifications



## APC Symmetra LX 8kVA w/ batteries and NMC removed

SYA8K16IX798XB

⚠ Discontinued on: 01 Dec 2024

⚠ To be discontinued

### Overview

Lead time Usually in Stock

### Main

|                                  |  |
|----------------------------------|--|
| Main Input Voltage               | 230 V                                    |
| Input voltage                    | 220 V                                    |
| Input harmonic distortion        | Less than 7 % for full load              |
| Cos phi                          | 0.98                                     |
| Input voltage limits             | 155...276 V 1:1                          |
| Number of input connectors       | 1 hard wire 3-wire (1P + N + E)          |
| Network frequency                | 45...65 Hz auto-sensing                  |
| Output voltage                   | 230 V                                    |
| Output voltage                   | 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                                 |
| Maximum configurable power in W  | 12800 W                                  |
| UPS type                         | Double conversion online                 |
| Wave type                        | Sine wave                                |
| Efficiency                       | 90 % (full load)                         |
| Output frequency                 | 47...63 Hz sync to mains                 |

### Complementary

|                                |                   |
|--------------------------------|-------------------|
| Battery type                   | Lead-acid battery |
| Number of battery filled slots | 0                 |
| Number of battery free slots   | 4                 |
| Battery recharge time          | 3 h               |

Excluding VAT and subject to change. Please check with your local distributor through "Where to buy"

|  |  |
|--|--|
| <b>Battery life</b>                        | 3...5 year(s)                                |
| <b>Control panel</b>                       | Multifunction LCD status and control console |
| <b>Colour</b>                              | Black  |
| <b>Height</b>                              | 1516 mm                                      |
| <b>Width</b>                               | 483 mm                                       |
| <b>Depth</b>                               | 726 mm                                       |
| <b>Net weight</b>                          | 161.08 kg                                    |
| <b>Mounting location</b>                   | Front  |
| <b>Mounting preference</b>                 | No preference                                |
| <b>Mounting mode</b>                       | Not rack-mountable                           |
| <b>Two post mountable</b>                  | 0  |
| <b>USB compatible</b>                      | No   |
| <b>Provided equipment</b>                  | CD with software                             |
| <b>Number of power module filled slots</b> | 2  |
| <b>Number of power module free slots</b>   | 3  |
| <b>Additional specification</b>            | 4kVA power increments                        |
| <b>Redundant</b>                           | Yes  |
| <b>Product or component type</b>           | Uninterruptible power supply (UPS)           |

## Environment

|  |              |
|--|--------------|
| <b>Ambient air temperature for operation</b> | 0...40 °C    |
| <b>Ambient air temperature for storage</b>   | -15...45 °C  |
| <b>Storage altitude</b>                      | 0...4572 m   |
| <b>Relative humidity</b>                     | 0...95 %     |
| <b>Storage Relative Humidity</b>             | 0...95 %     |
| <b>Acoustic level</b>                        | 62 dBA       |
| <b>Heat dissipation</b>                      | 3485 Btu/h   |
| <b>Operating altitude</b>                    | 0...10000 ft |

## Packing Units

|                                     |           |
|-------------------------------------|-----------|
| <b>Unit Type of Package 1</b>       | PCE       |
| <b>Number of Units in Package 1</b> | 1         |
| <b>Package 1 Height</b>             | 118.1 cm  |
| <b>Package 1 Width</b>              | 99.7 cm   |
| <b>Package 1 Length</b>             | 59.9 cm   |
| <b>Package 1 Weight</b>             | 236.82 kg |

## Contractual warranty

|                             |    |
|-----------------------------|----|
| <b>Warranty (in months)</b> | 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 with Exemptions

REACH Regulation

[REACH Declaration](#)

### Use Longer



#### Lifetime extension

Repair

No

### Use Again



#### Repack and remanufacture


Removable battery

User replaceable

Take-back

No

WEEE Label

 The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins