

# Product datasheet

Specifications



## APC SYMMETRA LX 16kVA N+1 Rack-mount Frame, 220/230/240V OR 380/400/415V

SYAF16KRMI

**Price: 135,700.00 ZAR**

### Overview

**Presentation** High performance, redundant power protection with scalable power and runtime for space-constrained server rooms, and voice and data networks.

**Lead time** Usually in Stock

### Main

**Main Input Voltage** 220 V AC 1 phase  
400 V AC 3 phases  
230 V AC 1 phase  
240 V AC 1 phase  
380 V AC 3 phases  
415 V AC 3 phases

**Input voltage** 220 V  
240 V  
380 V  
415 V

**Cos phi** 0.98

**Input voltage limits** 155...276 V  
290...480 V 3:1

**Number of input connectors** 1 hard wire 3-wire (1P + N + E)  
1 hard wire 5-wire (3P + N + E)

**Network frequency** 45...65 Hz auto-sensing

**Output voltage** 220 V AC 1 phase  
230 V AC 1 phase  
240 V AC 1 phase

**Output voltage** 220 V  
240 V

**Rated power in W** 11200 W

**rated power in VA** 16000 VA

**Output connection type** 8 IEC 60320 C13  
10 IEC 60320 C19

**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** 11200 W

**Maximum output current** 73 A

**UPS type** Double conversion online

**Wave type** Sine wave

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

<b>Efficiency</b>	90 % (full load)
<b>Output frequency</b>	47...63 Hz sync to mains 60 Hz +/- 0.1 % for 60 Hz nominal unsynchronised 50 Hz +/- 0.1 % for 50 Hz nominal unsynchronised

## Complementary

<b>Battery type</b>	Lead-acid battery
<b>Additional information</b>	Configurable for 220 : 230 or 240 nominal output voltage
<b>Extended runtime</b>	1
<b>Number of battery filled slots</b>	0
<b>Number of battery free slots</b>	4
<b>Battery life</b>	3...5 year(s)
<b>Battery type</b>	Lead-acid internal sold separately
<b>Control panel</b>	Multifunction LCD status and control console
<b>Emergency power off</b>	Yes
<b>Free slots</b>	1
<b>Preinstalled device</b>	Network management card with environmental monitoring
<b>Alarm</b>	Audible and visible alarms : prioritized by severity
<b>UPS connectivity</b>	Serial port Available expansion slot Pre-installed network management card 3
<b>Number of rack unit</b>	19U
<b>Colour</b>	Black Silver
<b>Height</b>	838 mm
<b>Width</b>	472 mm
<b>Depth</b>	688 mm
<b>Net weight</b>	95.45 kg
<b>Mounting location</b>	Front
<b>Mounting preference</b>	Lower
<b>Mounting mode</b>	Rack-mounted
<b>Two post mountable</b>	0
<b>USB compatible</b>	No
<b>Mounting mode</b>	Rack-mounted with included kit
<b>Provided equipment</b>	CD with software Documentation CD Installation guide User manual Web/SNMP management card
<b>Number of power module filled slots</b>	0
<b>Number of power module free slots</b>	5
<b>Redundant</b>	Yes
<b>Range of product</b>	Symmetra LX
<b>Product or component type</b>	Uninterruptible power supply (UPS)
<b>Performance multiplier</b>	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
Battery curve	B
Liquid value	0
Battery design life	2 year(s)
UPS design life	10 year(s)
Battery power in VAH	0 VAh runtime
UPS size	L

## Environment

Product certifications	C-Tick CE GOST VDE
Standards	EN 50091-1 EN 50091-2 EN 55022 class A EN 55024 EN 60950 IEC 60950
Ambient air temperature for operation	0...40 °C
Ambient air temperature for storage	-15...45 °C
Storage altitude	0...4572 m
Relative humidity	5...95 %
Storage Relative Humidity	5...95 %
Acoustic level	62 dBA
Heat dissipation	3707 Btu/h
Operating altitude	0...10000 ft

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1

---

<b>Package 1 Height</b>	105.4 cm
<b>Package 1 Width</b>	99.7 cm
<b>Package 1 Length</b>	59.9 cm
<b>Package 1 Weight</b>	120.45 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 >](#)



### Environmental footprint

Total lifecycle Carbon footprint **365**

## Use Better



### Materials and Substances

Packaging made with recycled cardboard **Yes**

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**

Image of product / Alternate images

Alternative

---





