

Product datasheet

Specifications



APC Symmetra RM 4kVA Scalable to 6kVA N+1 220-240V

SYH4K6RMI

Price: 159,620.00 ZAR

Overview

| | |
|--------------|--|
| Presentation | This parts kit contains spare parts for the APC product model shown. |
| Lead time | Usually in Stock |

Main

| | |
|----------------------------------|--|
| Main Input Voltage | 230 V AC 1 phase 240 V AC 1 phase |
| Cos phi | 0.98 |
| Input voltage limits | 155...276 V |
| Number of input connectors | 1 hard wire 3-wire |
| Network frequency | 50/60 Hz +/- 5 Hz auto-sensing |
| Output voltage | 230 V AC 1 phase 240 V AC 1 phase |
| Rated power in W | 2800 W |
| rated power in VA | 4000 VA |
| Output connection type | 8 IEC 60320 C13 2 IEC 60320 C19 |
| 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 | 6000 VA |
| Maximum configurable power in W | 4200 W |
| UPS type | Double conversion online |
| Wave type | Sine wave |
| Efficiency | 89 % (full load) |
| Output frequency | 47...53 Hz for 50 Hz nominal sync to mains 50 Hz +/- 0.1 % for 50 Hz nominal unsynchronised |

Complementary

| | |
|--------------------------------|--|
| Battery type | Lead-acid battery |
| Additional information | UPS accepts 1-2 additional battery packs Configurable for 220 : 230 or 240 nominal output voltage |
| Extended runtime | 1 |
| Number of battery filled slots | 2 |
| Number of battery free slots | 2 |

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

| | |
|--|--|
| Battery recharge time | 4 h |
| Battery life | 3...5 year(s) |
| Battery charger power | 305 W rated |
| Battery type | Lead-acid internal included |
| Control panel | Multifunction LCD status and control console |
| Emergency power off | Yes |
| Free slots | 1 |
| Preinstalled device | Network management card 2 with environmental monitoring |
| UPS connectivity | Serial port Pre-installed network management card 3 |
| Number of rack unit | 8U |
| Number of cables | 1 |
| Colour | Black |
| Height | 356 mm |
| Width | 483 mm |
| Depth | 730 mm |
| Net weight | 104.09 kg |
| Mounting location | Front |
| Mounting preference | Lower |
| Mounting mode | Rack-mounted |
| Two post mountable | 0 |
| USB compatible | No |
| Mounting mode | Rack-mounted with included kit |
| Provided equipment | User manual Rack mounting brackets Rack mounting support rails CD with software |
| Number of power module | 4 |
| Number of power module filled slots | 0 |
| Number of power module free slots | 0 |
| Number preinstalled power module | 2 |
| Additional specification | 2kVA power increments |
| Redundant | Yes |
| Range of product | Symmetra |
| Product or component type | Uninterruptible power supply (UPS) |
| Performance multiplier | 1 |
| Number of tare power | 155 W |
| 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 | C |
| Liquid value | 0 |
| Battery design life | 2 year(s) |
| UPS design life | 10 year(s) |
| Battery power in VAH | 1224 VAh runtime |
| Battery option | SYBT2 1 1800 VAh SYBT2 2 2400 VAh SYRMR4B4I 1 3600 VAh SYRMR4B4I 2 6000 VAh SYRMR4B4I 3 8400 VAh SYRMR4B4I 4 10800 VAh SYRMR4B4I 5 13200 VAh SYRMR4B4I 6 15600 VAh |
| UPS size | L |

Environment

| | |
|---------------------------------------|-----------------------------|
| Product certifications | C-Tick CE IRAM VDE |
| Standards | EN 50091-2 EN 60950 |
| Ambient air temperature for operation | 0...40 °C |
| Ambient air temperature for storage | -15...45 °C |
| Storage altitude | 0...15240 m |
| Relative humidity | 0...95 % |
| Storage Relative Humidity | 0...95 % |
| Acoustic level | 60 dBA |
| Heat dissipation | 1181 Btu/h |
| Operating altitude | 0...10000 ft |

Packing Units

| | |
|------------------------------|---------|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Height | 50.8 cm |
| Package 1 Width | 58.4 cm |

| | |
|------------------|---------|
| Package 1 Length | 78.7 cm |
|------------------|---------|

| | |
|------------------|------------|
| Package 1 Weight | 116.116 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

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

