

# Product datasheet

Specifications



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

SYH6K6RMI

### 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  |
| Main Output Voltage    | 230 V  |
| Rated power in W       | 4200 W   |
| Rated power in VA      | 6000 VA  |
| Output connection type | 8 IEC 60320 C13<br>2 IEC 60320 C19   |
| Number of rack unit    | 8U   |
| Number of cables       | 1  |
| Battery type           | Lead-acid battery  |
| Provided equipment     | User manual<br>Rack mounting brackets<br>Rack mounting support rails<br>CD with software |

### General

|                                     |                       |
|-------------------------------------|-----------------------|
| Product web sub-family              | 2kVA power increments |
| Number of power module              | 4                     |
| Number preinstalled power module    | 3                     |
| Number of power module free slots   | 0                     |
| Number of power module filled slots | 0                     |
| Redundant                           | Yes                   |

### Physical

|        |         |
|--------|---------|
| Colour | Black   |
| Height | 35.6 cm |
| Width  | 48.3 cm |

|                     |              |
|---------------------|--------------|
| Depth               | 73 cm        |
| Net weight          | 133.64 kg    |
| Mounting location   | Front        |
| Mounting preference | Lower        |
| Mounting mode       | Rack-mounted |
| Two post mountable  | 0            |
| USB compatible      | No           |

## Input

|                                 |                                |
|---------------------------------|--------------------------------|
| Network frequency               | 50/60 Hz +/- 5 Hz auto-sensing |
| Number of input connectors      | 1 hard wire 3-wire             |
| Input voltage limits            | 155...276 V                    |
| Input Power Factor at Full Load | 0.98                           |

## Output

|                                  |  |
|----------------------------------|--|
| Maximum configurable power in W  | 4200 W   |
| Harmonic distortion              | Less than 5 % at full load   |
| Output frequency                 | 47...53 Hz for 50 Hz nominal sync to mains<br>50 Hz +/- 0.1 % for 50 Hz nominal unsynchronised |
| Crest factor                     | Up to 5 : 1  |
| UPS type                         | Double conversion online   |
| Wave type                        | Sine wave  |
| Bypass type                      | Internal bypass (automatic and manual)   |
| Efficiency                       | 89 % (full load)   |
| Maximum configurable power in VA | 6000 VA  |


## Conformance

|                        |                             |
|------------------------|-----------------------------|
| Product certifications | C-Tick<br>CE<br>IRAM<br>VDE |
| Standards              | EN 50091-2<br>EN 60950      |

## Environmental

|                                       |                   |
|---------------------------------------|-------------------|
| Ambient air temperature for operation | 0...40 °C         |
| Relative humidity                     | 0...95 %          |
| Operating altitude                    | 0...10000 ft      |
| Ambient air temperature for storage   | -15...45 °C       |
| Storage Relative Humidity             | 0...95 %          |
| Storage altitude                      | 0.00...15240.00 m |
| Acoustic level                        | 60 dBA            |
| Heat dissipation                      | 1771 Btu/h        |

## Batteries & Runtime

|                                |  |
|--------------------------------|--|
| Number of battery filled slots | 3  |
| Number of battery free slots   | 0  |
| Battery recharge time          | 4 h  |
| Additional information         | Configurable for 220 : 230 or 240 nominal output voltage   |
| Battery charger power          | 458 W rated  |
| Battery power in VAH           | 1836 VAh runtime   |
| Battery life                   | 3...5 year(s)  |
| Replacement battery            | <a href="#">SYBT2</a>   |
| Battery option                 | SYRMXR2B4I 1 3000 VAh<br>SYRMXR4B4I 1 4200 VAh<br>SYRMXR4B4I 2 6600 VAh<br>SYRMXR4B4I 3 9000 VAh<br>SYRMXR4B4I 4 11400 VAh<br>SYRMXR4B4I 5 13800 VAh<br>SYRMXR4B4I 6 16200 VAh<br>SYRMXR4B4I 7 18600 VAh |
| Extended runtime               | 1  |

## Communications & Management

|                     |   |
|---------------------|---|
| Free slots          | 1   |
| Preinstalled device | Network management card 2 with environmental monitoring                     |
| Control panel       | Multifunction LCD status and control console                                |
| Alarm               | Alarm when on battery : distinctive low battery alarm : configurable delays |
| Emergency power off | Yes   |

## Packing Units

|                              |           |
|------------------------------|-----------|
| Unit Type of Package 1       | PCE       |
| Number of Units in Package 1 | 1         |
| Package 1 Height             | 50.8 cm   |
| Package 1 Width              | 78.7 cm   |
| Package 1 Length             | 58.4 cm   |
| Package 1 Weight             | 148.64 kg |

## Offer Sustainability

|                   |   |
|-------------------|---|
| EU RoHS Directive | Compliant<br><a href="#">EU RoHS Declaration</a>  |
| WEEE              | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins |

## Contractual warranty

|          |  |
|----------|--|
| Warranty | 2 years repair or replace, optional on-site warranties available, optional extended warranties available |
|----------|--|

## Recommended replacement(s)