

# Product data sheet

Specifications



## APC Symmetra RM 2kVA Scalable to 6kVA N+1 208/240V w/208 to 120V Step-Down Transformer

SYH2K6RMT-P1

### Overview

Lead time Usually in Stock

### Main

|                           |  |
|---------------------------|--|
| Main Input Voltage        | 208 V  |
| Product or Component Type | Uninterruptible power supply (UPS)   |
| Main Output Voltage       | 120 V<br>208 V   |
| Kw Rating                 | 1400 W   |
| Rated power in VA         | 2000 VA  |
| Input Connection Type     | NEMA L6-30P 30 A   |
| output connection type    | 12 NEMA 5-20R<br>2 NEMA L6-20R   |
| number of rack unit       | 10U  |
| Cable length              | 10 ft (3.05 m)   |
| 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 |
| Range of Product          | Symmetra   |

### Batteries & Runtime

|                              |  |
|------------------------------|--|
| Run Time                     | <a href="#">View Runtime Graph</a>   |
| Included Battery Modules     | 1  |
| Battery Slots Empty          | 4  |
| Typical recharge time        | 4 h  |
| Additional information       | UPS accepts 1-4 additional battery packs<br>Configurable for 220 : 230 or 240 nominal output voltage |
| Battery Charge Power (Watts) | 153 W rated  |
| Battery life                 | 3...5 year(s)  |
| Extendable Run Time          | 1  |

### General

product web sub-family 2kVA power increments

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

|                                     |     |
|-------------------------------------|-----|
| Number of power module              | 4   |
| Number preinstalled power module    | 1   |
| Number of power module free slots   | 0   |
| Number of power module filled slots | 0   |
| Redundant                           | Yes |

## Physical

|                     |                           |
|---------------------|---------------------------|
| color               | Black                     |
| Height              | 17.5 in (44.5 cm)         |
| Width               | 19.02 in (48.3 cm)        |
| Depth               | 28.7 in (73 cm)           |
| Net Weight          | 259.55 lb(US) (117.73 kg) |
| Mounting Location   | Front                     |
| Mounting preference | Lower                     |
| Mounting Mode       | Rack-mounted              |
| Two post mountable  | 0                         |
| USB compatible      | No                        |

## Input

|                                 |                                |
|---------------------------------|--------------------------------|
| Input Frequency                 | 50/60 Hz +/- 5 Hz auto-sensing |
| Number of input connectors      | 1 Hard Wire 3-wire (2PH + G)   |
| Efficiency at full load         | 155...276 V                    |
| Input Power Factor at Full Load | 0.98                           |

## Output

|                                  |  |
|----------------------------------|--|
| Max Configurable Power (Watts)   | 4200 W   |
| Harmonic distortion              | Less than 5 % at full load   |
| Output Frequency (sync to mains) | 57...63 Hz for 60 Hz nominal sync to mains<br>60 Hz +/- 0.1 % for 60 Hz nominal not synced |
| Crest factor                     | Up to 5 : 1  |
| Topology                         | Double Conversion Online   |
| Waveform Type                    | Sine wave  |
| Bypass type                      | Internal Bypass (Automatic and Manual)   |
| Efficiency at full load          | 85 % full load)  |
| Maximum configurable power in VA | 6000 VA  |

## Conformance

|                        |                                |
|------------------------|--------------------------------|
| Product Certifications | CSA                            |
| Standards              | FCC Part 15 class A<br>UL 1778 |

## Environmental

|  |  |
|--|--|
| <b>Ambient Air Temperature for Operation</b> | 32...104 °F (0...40 °C)                          |
| <b>Relative Humidity</b>                     | 0...95 %   |
| <b>Operating altitude</b>                    | 0...10000 ft                                     |
| <b>Ambient Air Temperature for Storage</b>   | 5...113 °F (-15...45 °C)                         |
| <b>Storage Relative Humidity</b>             | 0...95 %   |
| <b>Storage altitude</b>                      | 0...50000 ft (0.0000000000...15240.0000000000 m) |
| <b>Acoustic level</b>                        | 60 dBA   |
| <b>Online Thermal Dissipation</b>            | 843 Btu/h  |

## Communications & Management

|                                       |   |
|---------------------------------------|---|
| <b>Free slots</b>                     | 1   |
| <b>Pre-Installed SmartSlot™ Cards</b> | Network management card 2 with environmental monitoring                     |
| <b>Control panel</b>                  | Multi-function LCD status and control console                               |
| <b>Alarm</b>                          | Alarm when on battery : distinctive low battery alarm : configurable delays |
| <b>Emergency Power Off (EPO)</b>      | Yes   |

## Ordering and shipping details

|                          |              |
|--------------------------|--------------|
| <b>GTIN</b>              | 731304740117 |
| <b>Country of origin</b> | IN           |

## Packing Units

|                                     |                            |
|-------------------------------------|----------------------------|
| <b>Unit Type of Package 1</b>       | PCE                        |
| <b>Number of Units in Package 1</b> | 1                          |
| <b>Package 1 Height</b>             | 20.0000000000 in (50.8 cm) |
| <b>Package 1 Width</b>              | 31.0 in (78.7 cm)          |
| <b>Package 1 Length</b>             | 23.0 in (58.4 cm)          |
| <b>Package 1 Weight</b>             | 295.62 lb(US) (134.09 kg)  |

## Contractual warranty

|                 |  |
|-----------------|--|
| <b>Warranty</b> | 2 years repair or replace, optional on-site warranties available, optional extended warranties available |
|-----------------|--|

## Sustainability

**Green Premium™ label** is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO<sub>2</sub> products.

**Guide to assessing product sustainability** is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.


[Learn more about Green Premium >](#)

[Guide to assess a product's sustainability >](#)



Transparency RoHS/REACH

## Well-being performance

 **Rohs Exemption Information** Yes

## Certifications & Standards

|                                  |   |
|----------------------------------|---|
| <b>Reach Regulation</b>          | <a href="#">REACH Declaration</a>   |
| <b>Eu Rohs Directive</b>         | Compliant with Exemptions   |
| <b>China Rohs Regulation</b>     | <a href="#">China RoHS declaration</a><br>Product out of China RoHS scope. Substance declaration for your information.  |
| <b>Environmental Disclosure</b>  | <a href="#">Product Environmental Profile</a>   |
| <b>Circularity Profile</b>       | <a href="#">End of Life Information</a>   |
| <b>California Proposition 65</b> | WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a> |