

Product data sheet

Specifications



APC Symmetra RM 4kVA Scalable to 6kVA N+1 208/240V w/208 to 120V Step-Down Transformer

SYH4K6RMT-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 208 V |
| Kw Rating | 2800 W |
| Rated power in VA | 4000 VA |
| Input Connection Type | NEMA L6-30P 30 A |
| output connection type | 12 NEMA 5-20R 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 Rack Mounting brackets Rack Mounting support rails CD with software |
| Range of Product | Symmetra |

Batteries & Runtime

| | |
|------------------------------|---|
| Run Time | View Runtime Graph |
| Included Battery Modules | 2 |
| Battery Slots Empty | 2 |
| Typical recharge time | 4 h |
| Additional information | UPS accepts 1-2 battery packs Configurable for 208 or 240 nominal output voltage |
| Battery Charge Power (Watts) | 305 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 | 2 |
| 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 | 324.68 lb(US) (147.27 kg) |
| mounting location | Front |
| Mounting preference | Lower |
| Mounting Mode | Rack-mounted |
| Two post mountable | 0 |
| USB compatible | No |

Input

| | |
|---------------------------------|------------------------------|
| Input Frequency | 60 Hz +/- 3 Hz |
| 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 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 UL 1778 |

Environmental

| | |
|--|--|
| Ambient Air Temperature for Operation | 32...104 °F (0...40 °C) |
| Relative Humidity | 0...95 % |
| Operating altitude | 0...10000 ft |
| Ambient Air Temperature for Storage | 5...113 °F (-15...45 °C) |
| Storage Relative Humidity | 0...95 % |
| Storage altitude | 0...50000 ft (0.0000000000...15240.0000000000 m) |
| acoustic level | 60 dBA |
| Online Thermal Dissipation | 1686 Btu/h |

Communications & Management

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

Ordering and shipping details

| | |
|--------------------------|--------------|
| GTIN | 731304740193 |
| Country of origin | IN |

Packing Units

| | |
|-------------------------------------|----------------------------|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Height | 20.0000000000 in (50.8 cm) |
| Package 1 Width | 31.0 in (78.7 cm) |
| Package 1 Length | 23.0 in (58.4 cm) |
| Package 1 Weight | 366.76 lb(US) (166.36 kg) |

Contractual warranty

| | |
|-----------------|--|
| Warranty | 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-CO₂ 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

| | |
|----------------------------------|---|
| Reach Regulation | REACH Declaration |
| Eu Rohs Directive | Compliant with Exemptions |
| China Rohs Regulation | China RoHS declaration Product out of China RoHS scope. Substance declaration for your information. |
| Environmental Disclosure | Product Environmental Profile |
| Circularity Profile | End of Life Information |
| California Proposition 65 | 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 www.P65Warnings.ca.gov |