

# 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
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

### Batteries & Runtime

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 power in VAh	1224 VAh runtime
Battery Life	3...5 year(s)
Replacement battery	<a href="#">SYBT2</a>
Battery option	SYBT2 1 1800 VAh SYBT2 2 2400 VAh SYRMXR4B4 1 3600 VAh SYRMXR4B4 2 6000 VAh SYRMXR4B4 3 8400 VAh SYRMXR4B4 4 10800 VAh

**Extendable Run Time** 1

## General

**Product web sub-family** 2kVA power increments

**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** 17.52 in (44.5 cm)

**Width** 19.02 in (48.3 cm)

**Depth** 28.74 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)  
 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 (0.00...15240.00 m)
Acoustic level	60 dBA
Heat 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
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## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	20.00 in (50.8 cm)
Package 1 Width	30.98 in (78.7 cm)
Package 1 Length	22.99 in (58.4 cm)
Package 1 Weight	366.76 lb(US) (166.36 kg)

## Offer Sustainability

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 <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>
EU RoHS Directive	Under investigation

## Contractual warranty

Warranty	2 years repair or replace, optional on-site warranties available, optional extended warranties available
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## Recommended replacement(s)