

# Product data sheet

Specifications



## APC Symmetra RM 2kVA Scalable to 6kVA N+1 208/240V w/ 208 to 120V Step-Down Transformer (4) L5-20R

SYH2K6RMT-TF3

### Overview

Lead time Usually in Stock

### Main

Main Input Voltage	208 V
Main Output Voltage	120 V 208 V
Kw Rating	1400 W
Rated power in VA	2000 VA
Input Connection Type	NEMA L6-30P 30 A
Output connection type	4 NEMA L5-20R 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	1
Battery Slots Empty	4
Typical recharge time	4 h
Additional information	UPS accepts 1-4 additional battery packs Configurable for 220 : 230 or 240 nominal output voltage
Battery Charge Power (Watts)	153 W rated
Battery power in VAh	612 VAh runtime
Battery Life	3...5 year(s)
Replacement battery	<a href="#">SYBT2</a>
Battery option	SYBT2 1 1200 VAh SYBT2 2 1800 VAh SYBT2 3 2400 VAh SYBT2 4 3000 VAh

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Extendable Run Time	1
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## General

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Product web sub-family	2kVA power increments
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Number of power module	4
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Number preinstalled power module	1
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Number of power module free slots	0
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Number of power module filled slots	0
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Redundant	Yes
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## Physical

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Color	Black
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Height	17.52 in (44.5 cm)
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Width	19.02 in (48.3 cm)
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Depth	28.74 in (73 cm)
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Net Weight	259.55 lb(US) (117.73 kg)
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Mounting Location	Front
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Mounting preference	Lower
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Mounting Mode	Rack-mounted
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Two post mountable	0
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USB compatible	No
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## Input

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

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Max Configurable Power (Watts)	4200 W
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Harmonic distortion	Less than 5 % at full load
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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
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Crest factor	Up to 5 : 1
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Topology	Double Conversion Online
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Waveform Type	Sine wave
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Bypass type	Internal Bypass (Automatic and Manual)  85 % full load)
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Maximum configurable power in VA	6000 VA
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## Conformance

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Product Certifications	CSA
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Standards	FCC Part 15 class A
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## 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	843 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	731304740124
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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	295.62 lb(US) (134.09 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)