

Product data sheet

Specifications



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

SYH4K6RMT-TF3

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	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	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	SYBT2
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	731304740209
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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 www.P65Warnings.ca.gov
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)