

Product data sheet

Specifications



APC Symmetra RM 2kVA Scalable to 6kVA N+1 208/240V

SYH2K6RMT

Overview

Lead time	Usually in Stock
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Main

Main Input Voltage	208 V
Main Output Voltage	208 V
Kw Rating	1400 W
Rated power in VA	2000 VA
Input Connection Type	NEMA L6-30P 30 A
Output connection type	2 NEMA L6-20R 1 NEMA L6-30R
Number of rack unit	8U
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	SYBT2 ↗
Battery option	SYBT2 1 1200 VAh SYBT2 2 1800 VAh SYBT2 3 2400 VAh SYBT2 4 3000 VAh
Extendable Run Time	1

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

General

Product web sub-family	2kVA power increments
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	14.02 in (35.6 cm)
Width	19.02 in (48.3 cm)
Depth	28.74 in (73 cm)
Net Weight	164.35 lb(US) (74.55 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 60 Hz not synced
Crest factor	Up to 5 : 1
Topology	Double Conversion Online
Waveform Type	Sine wave
Bypass type	Internal Bypass (Automatic and Manual) 91 % 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	430 Btu/h

Communications & Management

Free slots	2
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	731304740100
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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	185.39 lb(US) (84.09 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 www.P65Warnings.ca.gov
REACH Regulation	REACH Declaration
EU RoHS Directive	Compliant EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes
Optimized Energy Efficiency	Energy efficient product
Take-back	Take-back program available

Contractual warranty

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