Product data sheet

Specifications

APC Symmetra RM 4kVA Scalable to 6kVA N+1 208/240V

SYH4K6RMT

Overview

Lead time	Usually in Stock

Main

Main Input Voltage	208 V
Main Output Voltage	208 V
Kw Rating	2800 W
Rated power in VA	4000 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	2
Battery Slots Empty	2
Typical recharge time	4 h
Additional information	UPS accepts 1-2 additional 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 SYRMXR4B4 5 13200 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	14.02 in (35.6 cm)
Width	19.02 in (48.3 cm)
Depth	28.74 in (73 cm)
Net Weight	229.48 lb(US) (104.09 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) 89 % full load)
Maximum configurable power in VA	6000 VA

Conformance

Product Certifications	CSA

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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	1181 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	731304740186

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	256.53 lb(US) (116.36 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
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

Recommended replacement(s)