Product data sheet

Specifications

APC

APC Symmetra RM 6kVA Scalable to 6kVA N+1 200V w/200 to 100V Step-Down Transformer

SYH6K6RMJ-P1

Overview

Lead Time	Usually in Stock

Main

Main Input Voltage	200 V
Main Output Voltage	100 V 200 V
Rated Power In W	4200 W
Rated Power In Va	6000 VA
Plug Standard	NEMA L6-30P 30 A
Nb Of Power Socket Outlets	12 NEMA 5-20R 2 NEMA L6-20R
Number Of Rack Unit	10U
Number Of Cables	1
Battery Type	Lead-acid battery
Provided Equipment	Installation manual in japanese Rack mounting brackets Rack mounting support rails User guide in japanese User manual Web/SNMP management card

Batteries & Runtime

Run Time	View Runtime Graph ⬈
Number Of Battery Filled Slots	3
Number Of Battery Free Slots	1
Battery Recharge Time	4 h
Additional Information	UPS accepts 1-4 additional battery packs
Battery Charger Power	449 W rated
Battery Power In Vah	1800 VAh runtime
Battery Life	3…5 year(s)
Replacement Battery	RBC31 ⬈
Extended Runtime	1

General

Product Web Sub-Family	2kVA power increments

Number Of Power Module	4
Number Preinstalled Power Module	3
Number Of Power Module Free Slots	0
Number Of Power Module Filled Slots	0
Redundant	Yes

Physical

Colour	Black
Height	45 cm
Width	48 cm
Depth	73 cm
Net Weight	178 kg
Mounting Location	Front
Mounting Preference	Lower
Mounting Mode	Rack-mounted
Two Post Mountable	0
Usb Compatible	No

Input

Network Frequency	50/60 Hz +/- 5 Hz auto-sensing
Number Of Input Connectors	1 hard wire 3-wire (2P + E)
Input Voltage Limits	155...276 V
Input Power Factor At Full Load	0.98

Output

Maximum Configurable Power In W	4200 W
Harmonic Distortion	Less than 5 % at full load
Output Frequency	57...63 Hz for 60 Hz nominal sync to mains 50 Hz +/- 0.1 % for 50 Hz nominal unsynchronised 60 Hz +/- 0.1 % for 60 Hz nominal unsynchronised 47...53 Hz for 50 Hz nominal sync to mains
Crest Factor	Up to 5 : 1
Ups Type	Double conversion online
Wave Type	Sine wave
Bypass Type	Internal bypass (automatic and manual)
Efficiency	89 % (full load)
Maximum Configurable Power In Va	6000 VA

Conformance

Product Certifications	VCCI
Standards	UL 1778

Environmental

Ambient Air Temperature For Operation	0…40 °C
Relative Humidity	0…95 %
Operating Altitude	0...10000 ft
Ambient Air Temperature For Storage	-15…45 °C
Storage Relative Humidity	0…95 %
Storage Altitude	0.00…15240.00 m
Acoustic Level	60 dBA
Heat Dissipation	2529 Btu/h

Communications & Management

Free Slots	1
Preinstalled Device	Network management card with environmental monitoring
Emergency Power Off	Yes

Packing Units

Package 1 Weight	199 kg
Package 1 Height	51 cm
Package 1 Width	58 cm
Package 1 Length	79 cm

Contractual warranty

Warranty	2 years repair or replace, optional on-site warranties available, optional extended warranties available

Sustainability

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