

SYH6K6RMT-P1

APC Symmetra RM 6kVA Scalable to 6kVA
N+1 208/240V w/208 to 120V Step-Down
Transformer



Overview

Lead time	Usually in Stock
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General

Provided equipment	User Manual Rack Mounting brackets Rack Mounting support rails CD with software
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Physical

Cable length	10 ft (3.05 m)
Number of rack unit	10U
Color	Black
Maximum Depth	28.74 in (73 cm)
Maximum Height	17.52 in (44.5 cm)
Net Weight	389.82 lb(US) (176.82 kg)
Maximum Width	19.02 in (48.3 cm)

Input

Input Frequency	60 Hz +/- 3 Hz
Plug standard	NEMA L6-30P 30 A
Number of input connectors	1 Hard Wire 3-wire (2PH + G)
Efficiency at full load	155...276 V
Nominal Input Voltage	208 V

Output

Kw Rating	4200 W
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
Nb of power socket outlets	12 NEMA 5-20R 2 NEMA L6-20R

Bypass type	Internal Bypass (Automatic and Manual)
Output voltage	120 V 208 V

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 altitude	0...50000 ft (0.00...15240.00 m)
Acoustic level	60 dBA
Online Thermal Dissipation	2529 Btu/h

Batteries & Runtime

Battery type	Lead-Acid battery
Included Battery Modules	3
Battery Slots Empty	0
Typical recharge time	3 h
Additional information	Configurable for 208 or 240 nominal output voltage
Liquid Electrolyte Value	0

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
Audible Alarm	Alarm when on battery : distinctive low battery alarm : configurable delays
Emergency Power Off (EPO)	Yes

Ordering and shipping details

Package weight(Lbs)	437.93 lb(US) (198.64 kg)
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Packing Units

Package 1 Height	20.00 in (50.8 cm)
Package 1 width	22.99 in (58.4 cm)
Package 1 Length	30.98 in (78.7 cm)

Offer Sustainability

EU RoHS Directive	Compliant  EU RoHS Declaration
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Contractual warranty

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