

# Product data sheet

Specifications



## APC Symmetra RM 6kVA N+1 Frame 208/240V

SYHF6KT

### Overview

<b>Presentation</b>	This parts kit contains spare parts for the APC product model shown.
<b>Lead time</b>	Usually in Stock

### Main

<b>Main Input Voltage</b>	208 V
<b>Other Input Voltage</b>	240 V
<b>Main Output Voltage</b>	208 V
<b>Other Output Voltage</b>	240 V
<b>Kw Rating</b>	4200 W
<b>Rated power in VA</b>	6000 VA
<b>Input Connection Type</b>	NEMA L6-30P 30 A
<b>Output connection type</b>	2 NEMA L6-20R 1 NEMA L6-30R
<b>Number of rack unit</b>	8U
<b>Cable length</b>	6 ft (1.83 m)
<b>Number of cables</b>	1
<b>Battery type</b>	Lead-Acid battery
<b>Provided equipment</b>	User Manual Rack Mounting brackets Rack Mounting support rails CD with software

### Batteries & Runtime

<b>Included Battery Modules</b>	0
<b>Battery Slots Empty</b>	3
<b>Typical recharge time</b>	4 h
<b>Additional information</b>	Configurable for 208 or 240 nominal output voltage
<b>Battery Charge Power (Watts)</b>	458 W rated
<b>Battery Life</b>	3...5 year(s)
<b>Replacement battery</b>	<a href="#">SYBT2</a>
<b>Extendable Run Time</b>	1

## General

Number of power module	0
Number preinstalled power module	0
Number of power module free slots	4
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	99.21 lb(US) (45 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
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	1771 Btu/h

## Communications & Management

Free slots	1
Pre-Installed SmartSlot™ Cards	Network management card 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	731304016915
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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	110.23 lb(US) (50 kg)

## Offer Sustainability

REACH Regulation	<a href="#">REACH Declaration</a>
EU RoHS Directive	Compliant <a href="#">EU RoHS Declaration</a>
Lead free	Yes
Mercury free	Yes
RoHS exemption information	<a href="#">Yes</a>
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)