Product data sheet

Specifications



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

SYHF6KT

Overview

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

Main

Main Input Voltage	208 V
Product or Component Type	Uninterruptible power supply (UPS)
Other Input Voltage	240 V
Main Output Voltage	208 V
Other Output Voltage	240 V
Kw Rating	4200 W
Rated power in VA	6000 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	6 ft (1.8 m)
Number of cables	1
Battery Type	Lead-Acid battery
Provided equipment	User Manual Rack Mounting brackets Rack Mounting support rails CD with software
Range of Product	Symmetra

Batteries & Runtime

Included Battery Modules	0
Battery Slots Empty	3
Typical recharge time	4 h
Additional information	Configurable for 208 or 240 nominal output voltage
Battery Charge Power (Watts)	458 W rated
Battery life	3…5 year(s)
Extendable Run Time	1

General

Price is “List Price” and may be subject to a trade discount – check with your local distributor or retailer for actual price.

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

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)
Product Weight	99.2 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	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)
Efficiency at full load	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 (0.0000000000…15240.0000000000 m)
Acoustic level	60 dBA
Online Thermal 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

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	110.2 lb(US) (50 kg)

Contractual warranty

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

Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

Environmental Data explained >

How we assess product sustainability >

Use Better

Materials and Substances

Packaging made with recycled cardboard	**Yes**
Packaging without single use plastic	**No**
EU RoHS Directive	**Compliant with Exemptions**
REACh Regulation	**REACh Declaration**

Energy efficiency

Optimized Energy Efficiency	**Energy efficient product**

Use Again

Repack and remanufacture

Removable battery	**User replaceable**
Take-back	**Yes**