

Product data sheet

Characteristics

SYH2K6RMT-TF3

APC Symmetra RM 2kVA Scalable to 6kVA N+1
208/240V w/ 208 to 120V Step-Down Transformer
(4) L5-20R



Overview

Lead time	Usually in Stock
-----------	------------------

General

Provided equipment	User manual Rack mounting brackets Rack mounting support rails CD with software
Product web sub-family	2kVA power increments
Performance multiplier	1
Number of power module	4
Number preinstalled power module	1
Number of tare power	115 W
Number of power module free slots	0
Number of power module filled slots	0
Redundant	Yes
Size UPS version	Internetworking Server Telecom
UPS size	L
Value multiplier	1

Physical

Cable length	3.05 m
Number of rack unit	10U
Colour	Black
Depth	73 cm
Height	44.5 cm
Mounting location	Front
Mounting preference	Lower
Net weight	117.73 kg

Mounting mode	Rack-mounted
Two post mountable	0
USB compatible	No
Width	48.3 cm

Input

Network frequency	50/60 Hz +/- 5 Hz auto-sensing
Number of input connectors	1 hard wire 3-wire (2P + E)
Plug standard	NEMA L6-30P 30 A
Input voltage limits	155...276 V
Number of cables	1
Input voltage	208 V
Cos phi	0.98

Output

Rated power in W	1400 W
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 60 Hz +/- 0.1 % for 60 Hz nominal unsynchronised
Crest factor	Up to 5 : 1
UPS type	Double conversion online
Wave type	Sine wave
Nb of power socket outlets	4 NEMA L5-20R 2 NEMA L6-20R
Bypass type	Internal bypass (automatic and manual)
Curve equation	Efficiency
Curve load maximum	100 %
Curve X-axis maximum	100 %
Curve X-axis minimum	0 %
Curve X-axis title	Load
Curve X-axis units	Percentage
Curve Y-axis maximum	100 %
Curve Y-axis minimum	50 %
Curve Y-axis title	Efficiency
Curve Y-axis units	Percentage
Efficiency	85 % (full load)
Graph display	1
Output voltage	120 V 208 V
Maximum configurable power in VA	6000 VA
Rated power in VA	2000 VA

Conformance

Product certifications	CSA
Standards	FCC part 15 class A 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 altitude	0.00...15240.00 m
Acoustic level	60 dBA
Heat dissipation	843 Btu/h
Show note OP temperature	No

Batteries & Runtime

Battery type	Lead-acid battery
Number of battery filled slots	1
Number of battery free slots	4
Battery recharge time	4 h
Additional information	UPS accepts 1-4 additional battery packs Configurable for 220 : 230 or 240 nominal output voltage
Liquid value	0
Battery curve	C
Battery charger power	153 W rated
Battery power in VAh	612 VAh runtime
Battery life	3...5 year(s)
Battery option	SYBT2 1 1200 VAh SYBT2 2 1800 VAh SYBT2 3 2400 VAh SYBT2 4 3000 VAh
Extended runtime	1

Communications & Management

Free slots	1
Preinstalled device	Network management card 2 with environmental monitoring
Control panel	Multifunction LCD status and control console
Alarm	Alarm when on battery : distinctive low battery alarm : configurable delays
Emergency power off	Yes

Packing Units

Package 1 Weight	134.09 kg
Package 1 Height	50.8 cm
Package 1 width	58.4 cm
Package 1 Length	78.7 cm

Offer Sustainability

EU RoHS Directive	Compliant EU RoHS Declaration
-------------------	--

Contractual warranty

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