Product data sheet
Characteristics

SURT20KRMXLT-TF5
APC Smart-UPS RT 20KVA RM 208V, 208V/120V 5KVA Step down Transformer

APC by Schneider Electric

Green Premium™ Product

Overview

Lead time	Usually Ships within 2 Weeks

General

Provided equipment	CD with software Rack Mounting support rails Smart UPS signalling RS-232 cable User Manual Web/SNMP Management Card

Physical

Number of rack unit	14U
Color	Black
Maximum Depth	30.43 in (77.3 cm)
Maximum Height	24.49 in (62.2 cm)
Net Weight	641.35 lb(US) (290.91 kg)
Maximum Width	17.01 in (43.2 cm)

Input

Input Frequency	40 - 70 Hz auto-sensing
Number of input connectors	1 Hard Wire 3-wire (2PH + G)
Efficiency at full load	160...280 V
Maximum Input Current per phase	105 A
Switching current capacity	125 A
Input Total Harmonic Distortion	Less than 5% for full load
Nominal Input Voltage	208 V

Output

Kw Rating	16000 W
Max Configurable Power (Watts)	16000 W
Harmonic distortion	Less than 5%
Output Frequency (sync to mains)	50/60 Hz +/- 3 Hz user adjustable +/- 0.1 sync to mains
Crest factor	3 : 1
Topology	Double Conversion Online
Waveform Type	Sine wave
Output connector type	Hard Wire 3-wire (2PH + G) 1

Nb of power socket outlets	12 NEMA 5-20R 4 NEMA L6-20R 1 NEMA L6-30R
Overload Operation	60 seconds @ 125% and 30 seconds @ 150%
Bypass type	Built-in Static Bypass Internal Bypass (Automatic and Manual) Optional External Bypass
Output voltage	120 V 208 V

Conformance

Product certifications	UL 1778

Environmental

Ambient air temperature for operation	32…104 °F (0…40 °C)
Relative humidity	0…95 % non-condensing
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	59 dBA
Online Thermal Dissipation	4320 Btu/h
IP degree of protection	IP20

Batteries & Runtime

Battery type	Lead-Acid battery
Included Battery Modules	4
Battery Slots Empty	0
Typical recharge time	2.5 h
RBC Quantity	4
Liquid Electrolyte Value	0
Battery voltage	+/-192 V (split battery referenced to neutral)
End of Discharge Battery Voltage	+/-154 V

Communications & Management

Free slots	0
Pre-Installed SmartSlot™ Cards	Network management card 2 with environmental monitoring
Control panel	Multi-function LCD status and control console
Audible Alarm	Audible and visible alarms : configurable delays
Emergency Power Off (EPO)	Yes

Surge Protection and Filtering

Filtering	Full time multi-pole noise filtering : 0.3% IEEE surge let-through : zero clamping response time : m

Ordering and shipping details

Package weight(Lbs)	803.08 lb(US) (364.27 kg)

Packing Units

Package 1 Height	48.98 in (124.4 cm)
Package 1 width	24.02 in (61 cm)
Package 1 Length	39.49 in (100.3 cm)
Number of Units in Package 3	1

Offer Sustainability

Sustainable offer status	Green Premium product
REACh free of SVHC	Yes
EU RoHS Directive	Compliant EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes
Optimized Energy Efficiency	Energy efficient product

Contractual warranty

Warranty	2 years repair or replace