

Share:



APC Smart-UPS RT 20kVA RM 230V

SURT20KRMXLI



Description: High density, double-conversion on-line power protection with scalable runtime

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


[Product Overview](#)
[Technical Specifications](#)
[Documentation](#)
[Drawings](#)
[Software & Firmware](#)
[Options](#)

Output

[Print Technical Specification](#)

Output power capacity	16.0 KWatts / 20.0 kVA
Max Configurable Power (Watts)	16.0 KWatts / 20.0 kVA
Nominal Output Voltage	230V
Output Voltage Note	Configurable for 400 or 415V 3 Phase nominal output voltage
Output Voltage Distortion	Less than 5%
Output Frequency (sync to mains)	50/60 Hz +/- 3 Hz user adjustable +/- 0.1
Other Output Voltages	220, 240
Load Crest Factor	3 : 1
Topology	Double Conversion Online
Waveform type	Sine wave
Overload Operation	60 seconds @ 125% and 30 seconds @ 150%
Output Connections	(2) IEC Jumpers (Battery Backup) (8) IEC 320 C19 (Battery Backup) (1) Hard Wire 3-wire (H N + G) (Battery Backup)
Bypass	Built-in Static Bypass, Internal Bypass (Automatic and Manual), Optional External Bypass

Input

Nominal Input Voltage	230V , 400V 3PH
Input frequency	40 - 70 Hz (auto sensing)
Input Connections	Hard Wire 3 wire (1PH+N+G), Hard Wire 5-wire (3PH + N + G)
Input voltage range for main operations	160 - 280V
Input Total Harmonic Distortion	Less than 5% for full load
Other Input Voltages	220, 240
Maximum Input Current	115.0A
Input Power Factor at Full Load	0.98

Batteries & Runtime

Battery type	Maintenance-free sealed Lead-Acid battery with suspended electrolyte : leakproof
Included Battery Modules	4

Replacement Battery	APCRBC140	
Expected Battery Life (years)	3 - 5	
RBC Quantity	4	
Extendable Run Time	1	
Extended Run Options	APC-Smart-UPS-RT-20kVA-RM-230V	
End of Discharge Battery Voltage	+/-154 V	
Efficiency in Battery Operation	93.0 %	
Runtime	View Runtime Graph	View Runtime Chart
Efficiency	View Efficiency Graph	

Communications & Management

Interface Port(s)	DB-9 RS-232 , RJ-45 10/100 Base-T , Smart-Slot	
Pre-Installed SmartSlot™ Cards	AP9631	
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 : meets UL 1449
-----------	--

Physical

Maximum Height	533mm , 53.3cm
Maximum Width	432mm , 43.2cm
Maximum Depth	773mm , 77.3cm
Rack Height	12U
Net Weight	247.73kg
Shipping weight	314.09kg
Shipping Height	990mm , 99.0cm
Shipping Width	610mm , 61.0cm
Shipping Depth	1003mm , 100.3cm
Color	Black
Units per Pallet	1.0

Environmental

Operating Environment	0 - 40 °C
Operating Relative Humidity	0 - 95% non-condensing %
Operating Elevation	0-3000meters
Storage Temperature	-15 - 45 °C
Storage Relative Humidity	0 - 95% non-condensing %
Storage Elevation	0-15000meters
Audible noise at 1 meter from surface of unit	59.0dBA
Online thermal dissipation	3770.0BTU/hr
Protection Class	IP 20

Conformance

Approvals	BSMI, EN/IEC 62040-2, EN/IEC 62040-1-1, VDE
Standard warranty	2 years repair or replace

RoHS	Compliance
REACH	REACH: Contains No SVHCs
PEP	Available in Documentation tab
EOL	Available in Documentation tab
Battery Directive	Compliant
Battery Notes	ts_Battery_Notes



Sign up to stay up to date with best practices, new solutions and special offers.

Email

OK

WHO WE ARE

CONNECT WITH US

FIND A RESELLER

Zip/Postal Code

FIND

CATALOG KEYCODE

Enter Key Code

GO



TERMS & CONDITIONS >

PRIVACY STATEMENT >

© 2016, APC by Schneider Electric