



Overview

Model Name	APC Smart-UPS RT 20kVA RM 208V
Includes	CD with software , Rack Mounting support rails , Smart UPS signalling RS-232 cable , User Manual , Web/SNMP Management Card
Standard Lead Time	Usually Ships within 2 Weeks
Product Distribution	Anguilla , Aruba , Bahamas , Barbados , Belize , Bermuda , Brazil , Canada , Colombia , Costa Rica , Cuba , Dominica , Dominican Republic , Ecuador , El Salvador , Falkland Islands (Malvinas) , Guatemala , Guyana , Haiti , Honduras , Jamaica , Mayotte , Mexico , Netherlands Antilles , Nicaragua , Panama , Puerto Rico , SAINT KITTS AND NEVIS , SAINT LUCIA , SAINT VINCENT AND THE GRENADINES , Trinidad And Tobago , Turks And Caicos Islands , United States , Venezuela , VIRGIN ISLANDS (UNITED STATES)

Output

Output Power Capacity	16.0 KW / 20.0 kVA
Max Configurable Power (Watts)	16.0 KW / 20.0 kVA
Nominal Output Voltage	208V
Output Voltage Note	Configurable for 208 or 240 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	240V
Crest Factor	3 : 1
Crest Factor	Double Conversion Online
Waveform Type	Sine wave
Output Connections	(1) Hard Wire 3-wire (2PH + G) (Battery Backup) , (2) NEMA L6-30R (Battery Backup) , (4) NEMA L6-20R (Battery Backup)
Overload Operation	60 seconds @ 125% and 30 seconds @ 150%
Bypass	Built-in Static Bypass , Internal Bypass (Automatic and Manual) , Optional External Bypass

Input

Nominal Input Voltage	208V
Input Frequency	40 - 70 Hz (auto sensing)
Input Connections	Hard Wire 3-wire (2PH + G)
Input voltage range for main operations	160 - 280 V

Other Input Voltages	240
Maximum Input Current	114 A
Input Breaker Capacity	125 A
Input Total Harmonic Distortion	Less than 5% for full load

Batteries & Runtime

Battery Type	Maintenance-free sealed Lead-Acid battery with suspended electrolyte : leakproof
Included Battery Modules	4
Typical recharge time	2 hour(s)
Replacement Battery	APCRBC140
RBC Quantity	4
Nominal Battery Voltage	+/-192 V (split battery referenced to neutral)
End of Discharge Battery Voltage	+/-154 V
Efficiency in Battery Operation	93.00 %

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
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Physical

Maximum Height	533.0 mm
Maximum Width	432.0 mm
Maximum Depth	773.0 mm
Rack Height	12 U
Net Weight	247.73 kg
Shipping Weight	314.27 kg
Shipping Height	990.0 mm
Shipping Width	610.0 mm
Shipping Depth	1003.0 mm
Color	Black
Units per Pallet	1.0

Environmental

Operating Environment	0 - 40 °C
Operating Relative Humidity	0 - 95 (non-condensing) %
Operating Elevation	0-3000 meters
Storage Temperature	-15 - 45 °C
Storage Relative Humidity	0 - 95 (non-condensing) %
Storage Elevation	0-15000 meters
Audible noise at 1 meter from surface of unit	59.000 dB
Online Thermal Dissipation	4320.000 BTU/hr
Protection Class	IP 20

Conformance

Approvals	OSHPD , UL 1778
Standard warranty	2 years repair or replace