Product Category
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  - > **Smart-UPS On-Line**
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Return to Uninterruptible Power Supply (UPS)

Smart-UPS On-Line

APC Smart-UPS RT 7500VA RM 230V

More Images

APC Smart-UPS On-Line, 6000 Watts / 7500 VA, Input 230V / Output 230V , Interface Port DB-9 RS-232, RJ-45 10/100 Base-T, Smart-Slot , Rack Height 6 U

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

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SURT7500RMXLI
DISCONTINUED : recommended replacement product SURT8000RMXLI

Email Technical Specifications
Printer Friendly
RoHS

Technical Specifications | Product Overview | Documentation | Software & Firmware | Options | Ratings and Reviews

Output

Output Power Capacity	6000 Watts / 7500 VA
Max Configurable Power	6000 Watts / 7500 VA
Nominal Output Voltage	230V
Output Voltage Note	Configurable for 220 : 230 or 240 nominal output voltage
Efficiency at Full Load	92.0%
Output Voltage Distortion	Less than 3%
Output Frequency (sync to mains)	50/60 Hz +/- 3 Hz user adjustable +/- 0.1
Other Output Voltages	220,240
Crest Factor	3 : 1
Waveform Type	Sine wave
Output Connections	(1) Hard Wire 3-wire (H N + G) (4) IEC 320 C13 (4) IEC 320 C19 (4) IEC Jumpers
Bypass	Internal Bypass (Automatic and Manual)

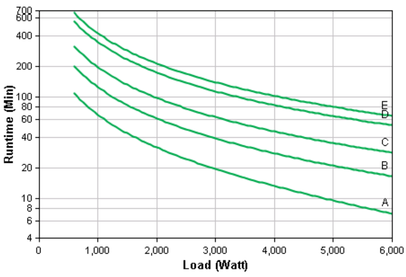
Input

Nominal Input Voltage	230V
Input Frequency	50/60 Hz +/- 5 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
Other Input Voltages	220,240

Batteries & Runtime

Battery Type	Maintenance-free sealed Lead-Acid battery with suspended electrolyte : leakproof
Included Battery Modules	4
Typical recharge time	2.20 hour(s)
Replacement Battery	RBC44
RBC™ Quantity	2
Runtime Graph	

Curve	Part Number(s)
A	SURT7500RMXLI
B	SURT7500RMXLI + (1)SURT192RMXLBP
C	SURT7500RMXLI + (2)SURT192RMXLBP
D	SURT7500RMXLI + (4)SURT192RMXLBP
E	SURT7500RMXLI + (5)SURT192RMXLBP



Hover over the line on the graph above to view the runtime at any desired load

Curve fit to measured runtime data. All measurements taken with new, fully charged batteries, at typical environmental conditions, with no electrical input and balanced resistive load (PF = 1.0) output.

View Enlarged Graph | View Runtime Chart

Communications & Management

Interface Port(s)	DB-9 RS-232,RJ-45 10/100 Base-T,Smart-Slot
Pre-Installed SmartSlot™ Cards	AP9619
Control panel	LED status display with load and battery bar-graphs and On Line : On Battery : Replace Battery : Overload and Bypass Indicators
Audible Alarm	Alarm when on battery : distinctive low battery alarm : overload continuous tone alarm
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	263.00 mm
Maximum Width	432.00 mm
Maximum Depth	663.00 mm
Rack Height	6U
Net Weight	110.91 KG
Shipping Weight	129.09 KG
Shipping Height	552.00 mm
Shipping Width	597.00 mm
Shipping Depth	991.00 mm
Color	Black
Units per Pallet	1.00

Environmental

Operating Environment	0 - 40 °C
Operating Relative Humidity	0 - 95%
Operating Elevation	0-3000 meters
Storage Temperature	-15 - 45 °C
Storage Relative Humidity	0 - 95%
Storage Elevation	0-15000 meters
Audible noise at 1 meter from surface of unit	55.00 dBA
Online Thermal Dissipation	1535.00 BTU/hr

Conformance

Regulatory Approvals	C-tick,CE,EN 50091-1,EN 50091-2,EN 55022 Class A,EN 60950,EN 61000-3-2,GOST,VDE
Standard Warranty	2 years repair or replace
Environmental Compliance	RoHS 7b Exemption

**The time to recharge to 90% of full battery capacity following a discharge to shutdown using a load rated for 1/2 the full load rating of the UPS