



SURT7500XLT-1TF3	SURT7500XLT-1TF3

APC Smart-UPS RT 7500VA 208V w/
208V to 120V Step-Down Transformer

Part Number: SURT7500XLT-1TF3

Output

Output Power Capacity	6000 Watts / 7500 VA
Max Configurable Power	6000 Watts / 7500 VA
Nominal Output Voltage	120V,208V
Output Voltage Note	Configurable for 208 or 240 nominal output voltage
Output Voltage Distortion	Less than 3%
Output Frequency (sync to mains)	50/60 Hz +/- 3 Hz user adjustable +/- 0.1
Crest Factor	3 : 1
Waveform Type	Sine wave
Output Connections	(1) Hard Wire 3-wire (2PH + G) (8) NEMA 5-20R (1) NEMA L14-30R (4) NEMA L6-20R

(2) NEMA L6-30R



Input

Bypass	Internal Bypass (Automatic and Manual)
Nominal Input Voltage	208V
Input Frequency	50/60 Hz +/- 5 Hz (auto sensing)
Input Connections	Hard Wire 3-wire (2PH + G)
Input voltage range for main operations	160 - 280V
Other Input Voltages	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 cartridge	RBC44
RBC™ Quantity	2
Typical Backup Time at Half Load	19.4 minutes (3000 Watts)
Typical Backup Time at Full Load	7.1 minutes (6000 Watts)
Runtime Chart	Smart-UPS RT

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
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Physical

Maximum Height	17.00 inches (432 mm)
Maximum Width	15.45 inches (392 mm)
Maximum depth	26.12 inches (663 mm)
Rack Height	9U
Net Weight	369.00 lbs. (167.73 kg)
Shipping Weight	424.00 lbs. (192.73 kg)
Shipping Height	35.43 inches (900 mm)
Shipping Width	23.50 inches (597 mm)
Shipping Depth	39.00 inches (991 mm)
Color	Black

Environmental

Operating Environment	32 - 104 °F (0 - 40 °C)
Operating Relative Humidity	0 - 95%
Operating Elevation	0-10000 feet (0-3000 meters)
Storage Temperature	5 - 113 °F (-15 - 45 °C)
Storage Relative Humidity	0 - 95%
Storage Elevation	0-50000 feet (0-15000 meters)
Audible noise at 1 meter from surface of unit	55 dBA
Online Thermal Dissipation	1535.00 BTU/hr

Conformance

Regulatory Approvals	CSA,FCC Part 15 Class A,UL 1778
Standard Warranty	2 years repair or replace

**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.