

# SmartUPS® RT

## Single Phase UPS

- Generator compatible
- Cold-start capable
- Resettable circuit breakers



### SmartUPS RT

Models:	Smart-UPS RT 8000T208/120 Smart-UPS RT 8000RM208/120	Smart-UPS RT 1000T Smart-UPS RT 1000RM	Smart-UPS RT 1000T208/120 Smart-UPS RT 1000RM208/120
Configuration:	Rackmount/Tower	Rackmount/Tower	Rackmount/Tower
<b>Output</b>			
Output Power Capacity:	8000VA / 6400W	10000VA / 8000W	10000VA / 8000W
Max Configurable Power:	8000VA / 6400W	10000VA / 8000W	10000VA / 8000W
Nominal Output Voltage:	120 / 280, 240V	208V or 240V	120 / 280, 240V
Waveform Type:	Sine wave	Sine wave	Sine wave
Output Connections:	(1) Hard Wire 3-wire, (12) NEMA 5-20R, (2) NEMA L6-20R, (1) NEMA L6-30R	(1) Hard Wire 3-wire, (2) NEMA L6-20R, (1) NEMA L6-30R	(24) NEMA 5-20R, (2) NEMA L6-20R
<b>Input</b>			
Nominal Input Voltage:	208V	208V	208V
Input Frequency (auto sensing):	50/60Hz ±3Hz	50/60Hz ±3Hz	50/60Hz ±3Hz
Input Connections:	Hard Wire 3-wire	Hard Wire 3-wire	Hard Wire 3-wire
Cord Length:	3.1m / 10.2ft	3.1m / 10.2ft	3.1m / 10.2ft
Bypass:	Internal Bypass (Automatic and Manual)		
<b>Batteries and Runtime</b>			
Battery Type:	Maintenance-free sealed Lead-Acid, leakproof		
Typical Recharge Time (hrs):	2.2	2.2	2.2
Replacement Battery Cartridge:	RBC44	RBC44	RBC44
RBC™ Quantity:	2	2	2
Runtime Full / Half Load (min):	6.3 / 17.9	4 / 13.2	4 / 13.2
<b>Communication and Management</b>			
Interface Port(s):	DB-9, RS-232, RJ-45 10/100 Base-T, SmartSlot		
SmartSlot™ Interface Qty:	UPS Network Management Card w/ Environmental Monitoring		
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, low battery alarm, overload alarm		
Emergency Power Off (EPO):	Yes	Yes	Yes
<b>Mechanical</b>			
Dimensions - Rackmount (in/mm):	13.9 x 17 x 26 / 353.1 x 431.8 x 663.4	10.4 x 17 x 26.1 / 264.2 x 431.8 x 663.4	17.4 x 17 x 26.1 / 442 x 431.8 x 663.4
Rack Height:	8RU	6RU	10RU
Net Weight (lb/kg):	345 / 156.5	224 / 110.7	440 / 199.6
<b>Environmental</b>			
Temperature:	0 to 40°C / 32 to 104°F	0 to 40°C / 32 to 104°F	0 to 40°C / 32 to 104°F
Humidity:	0 to 95%	0 to 95%	0 to 95%
Elevation:	0 to 3000m / 0 to 10000ft	0 to 3000m / 0 to 10000ft	0 to 3000m / 0 to 10000ft
Storage Temperature:	-15 to 45°C / 5 to 113°F	-15 to 45°C / 5 to 113°F	-15 to 45°C / 5 to 113°F
Audible Noise at 1 Meter:	55dBA	55dBA	55dBA
Online Thermal Dissipation:	1535BTU/hr	2216BTU/hr	2216BTU/hr
<b>Conformance</b>			
Regulatory Approvals:	CSA, FCC Part 15 Class A, UL 1778		
Reference:	SURT8000RMXLT-1TF5, SURT8000XLT-1TF5	SURT10000RMXLT, SURT10000XLT	SURT10000RMXLT-2TF5, SURT10000XLT-2TF5
Options: extended battery runtimes, interface cables, NetBotz® accessories and sensors, SmartSlot expansion chassis, UPS dry-contact management, UPS environmental monitoring card, UPS interface expanders, UPS network management cards, UPS out-of-band management, rack enclosures and accessories, NetShelter 2 post open frame racks, NetShelter 4 post open frame racks, NetShelter SX enclosures, NetShelter VX enclosures, rack fan tray, basic rack PDU, metered rack PDU, power cords, rack automatic transfer switch, switched rack PDU, replacement batteries, extended warranty, installation services, on site service, remote monitoring service, StruXure manager, powerchute business edition, and UPS remote power off interface			