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Online UPS 1Phase Out SRT SERIES

3:1

1:1

Phase

SRT6-10 KVA series UPS is a Rack/Tower convertible UPS solutions which integrates true double-conversion design, DSP technology to provide clean high-level quality power as well as better voltage conditions to different application. What's more, with N+X parallel redundancy, it can achieve higher availability and MTBF (mean time between failure) to fully protect mission-critical devices.



6-10kVA

FEATURES

- True double-conversion
- Rack-mounted and floor-standing tower can be convertible
- LCD panel can be rotated according to the type of deployment
- DSP technology guarantees high reliability
- N+X parallel redundancy
- Compatible with 3 phases and single phase input
- Selectable quantity of battery for each group: 16/18/20 pieces



Mfd. by :



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Technical Specification

MODEL	SRT1106L16 L20	SRT1110L16/L20
Capacity (VA/Watts)	6K / 6KW	10k/10KW
INPUT		
Nominal Voltage	380/400/415Vac(3Ph+N+PE) or 220/230/240Vac(L+N+PE)	
Operating Voltage Range	208~478Vac or 120VAC-276Vac	
Operating Frequency Range	50Hz : 45~55Hz, 60Hz : 54~66Hz	
Power Factor	≥0.99	
Bypass Voltage Range	Max. voltage: 220V : +25%(Optional +10%,+15%,+20%)	
	230V : +20%(Optional +10%,+15%)	
	240V : +15%(Optional +10%)	
ECO Range	Min. voltage: -45% (Optional -20%,-30%)	
Harmonic Distortion (THDi)	Same as bypass	
OUTPUT		
Output Voltage	220/230/240Vac	
Power Factor	1.0	
Voltage Regulation	±1%	
Frequency	Line Mode	±1%/±2%/±4%/±5%/±10% of the rated frequency(Optional)
	Bat. Mode	(50/60±0.1)Hz
Crest Factor	3:1	
Harmonic Distortion (THD)	≤2% with linear load	
	≤5% with non-linear load	
Waveform	Pure Sine wave	
Transfer Time	Utility to Battery : 0ms; Utility to Bypass: 0ms	
EFFICIENCY		
Efficiency	Up to 94%	
BATTERY		
Battery Voltage	Selectable Voltage: ±96/108/120Vdc	
Typical Recharge Time	6-8 hours (To 90% capacity)	
Charging Current	Maximum current 10A	
PROTECTION		
Overload	Line Mode	Load≤125%: last 5min;≤150%: last 1min;> 150% 200ms turn to bypass mode
	Bypass Mode	40A(Input breaker)
Short Circuit	Hold Whole System	
Overheat	Line Mode: Switch to Bypass; Backup Mode: Shut down UPS immediately	
Battery Low	Alarm and Switch off	



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MODEL	SRT1106L16/L20	SRT1110L16/L20
INDICATORS		
Audible & Visual Alarms	Line Failure, Battery Low, Overload, System Fault	
Status LED & LCD Display	Line Mode, Backup Mode, Eco Mode, Bypass Mode, Battery Low, Battery Bad, Overload & UPS Fault	
Parameters On The LCD Panel	Input/output Voltage, Input/output Frequency, Load Level, Battery Level, Inner Temperature & Remaining Battery Backup Time	
MANAGEMENT		
Communication Interface	RS-232, USB, Parallel card, SNMP card (Optional), Relay card (Optional)	
ENVIRONMENT		
Operating Temperature	0°C~40°C	
Storage Temperature	-25°C~55°C	
Humidity Range	0~95% (Non-condensing)	
Altitude	< 1500m	
Noise Level	<55Db	
PHYSICAL		
Dimension W×H×D (mm)	443×131×580(3U)	
Net Weight (kg)	30	
STANDARDS		
Noise Suppression	Complies with EN62040-2	
Safety	IEC/EN62040-1, IEC/EN60950-1	
EMC	IEC/EN62040-2, IEC61000-4-2, IEC61000-4-3, IEC61000-4-4, IEC61000-4-5, IEC61000-4-6, IEC61000-4-8	
BATTERY PACK		
Model	EXBR±120V	
Battery type & Max. quantity	7Ah×20/9Ah×20	
Dimensions W×H×D (mm)	443×131×720(3U)	
Net Weight (kg)	67	