

SY-T Series Winner Pro 1KVA-10KVA Tower UPS

Power range

1 - 10 kVA

Phase

Single phase grounding

Application areas

Office network systems, small server rooms, bank branch equipment, campus network centers, multimedia classrooms, small clinics and community health service centers, small communication base stations, etc.



Performance characteristics

- Truly achieving online dual conversion
- Microprocessor control technology ensures high performance
- Input power factor correction
- Output power factor 0.9
- Wide input voltage (110 V to 300 V)
- Efficient frequency conversion mode
- ECO mode can effectively save energy (limited to 1-3K models)
- Compatible with generator input
- The optional exquisite SNMP card can be perfectly monitored separately or together with USB and RS232
- Easy operation and control through the monitor, and comprehensive display of monitoring UPS status



SYT1KVA SYT2/3KVA SYT6/10KVA SYT6/10KVA

Specification

Model		SYT1kVA		SYT2kVA		SYT3kVA		SYT6kVA		SYT10kVA	
Capacity		1000VA/900W		2000VA/1800W		3000VA/2700W		6000VA/5400W		10000VA/9000W	
		INPUT									
Rated voltage		200/208/220/230/240VAC						208/220/230/240VAC			
Voltage range		110-300VAC at 50% load 160-280 VAC at 100% load						110-300VAC at 50% load 176-300 VAC at 100% load			
Frequency range		40Hz ~ 70 Hz						46Hz ~ 54 Hz or 56Hz ~ 64 Hz			
Power factor		≥ 0.99 at 100% load									
		OUTPUT									
Rated voltage		200/208/220/230/240VAC						208/220/230/240VAC			
Voltage range (Battery mode)		± 1%									
Frequency range (Synchronous correction range)		47~ 53 Hz or 57 ~ 63 Hz						46Hz ~ 54 Hz or 56Hz ~ 64 Hz			
Frequency range (Battery mode)		50 Hz ± 0.25 Hz or 60Hz ± 0.3 Hz						50 Hz ± 0.1 Hz or 60 Hz ± 0.1 Hz			
Current peak ratio		3:1									
Harmonic distortion		≤ 3% THD (linear load), ≤ 6% THD (Nonlinear load)						≤ 3% THD (Linear load); ≤ 5% THD (Nonlinear Load)			
Time	Switching from mains mode to battery mode	Zero									
	Reverse to bypass	4 milliseconds (Under standard conditions)						Not have			
Waveform (Battery mode)		Pure sine wave									
		EFFICIENCY									
AC mode		88%		89%		90%		92%		93%	
Battery mode		83%		87%		88%		90%		91%	
		BATTERY									
Standard Model	Battery type	12V / 9AH / 7AH									
	Numbers	2	3	4		6		16	20	16	20
	Maximum charging current	1.0A (maximum)						Preset: 1.0 A ± 10%, maximum 2.0A ± 10%			
	Charging Voltage	27.4 VDC ±1%	41.0 VDC ±1%	54.7 VDC ±1%		82.1 VDC ±1%		218.4 VDC ± 1%	273VDC ± 1%	218.4 VDC ± 1%	273VDC ± 1%
Long-run Model	Battery type	Match multiple battery boxes according to actual applications									
	Numbers	2	3	4	6	6	8	16~20 (Adjustable)			
	Maximum charging current	1A/2A/4A/6A (Adjustable)						1A/2A/4A/6A (adjustable, 6A is only suitable for 16 batteries)			
	Charging voltage	27.4VDC ± 1%	41.0VDC ± 1%	54.7 VDC ±1%	82.1 VDC ±1%	82.1 VDC ±1%	109.4VDC ±1%	218.4 VDC ± 1%	273VDC ± 1%	218.4 VDC ± 1%	273VDC ± 1%
		INDICATORS									
LCD or LED display		Load size, battery capacity, mains mode, battery mode, bypass mode, fault indication									
		ALARM									
Battery mode		Sound every 4 seconds									
Low battery		Sound once every second									
Overload		Sound once every second									
Fault		Continuous ringing									
		PHYSICAL									
Standard machine	D * W * H (mm)	282 x 145 x 220	397 x 145 x 220	397 x 145 x 220		421 x 190 x 318		369 x 190 x 688	442 x 190 x 688		
	Net weight (kg)	8.7	11.5	15.7		24.6		61	74	66	76
Long lasting machine	D * W * H (mm)	282 x 145 x 220		397 x 145 x 220				369 x 190 x 318		442 x 190 x 318	
	Net weight (kg)	3.9	4.1	6.9		7.4		15		18	
		ENVIRONMENT									
Temperature and humidity		Relative humidity 20-95% and temperature 0-40 ° C (non condensing)						Relative humidity 0-95% and temperature 0-40 ° C (non condensing)			
Noise		Less than 50dBA @ 1 meter						Less than 55dBA @ 1 meter		Less than 58dBA @ 1 meter	
		MANAGEMENT									
Intelligent RS-232/optional USB		Supports Windows * 2000/2003/XP/Vista/2008, Windows * 7/8, Linux, Unix, and MAC									
Optional SNMP		Power management supports SNMP management and network management									

*When the 1-3KVA UPS is set to constant voltage and frequency mode, the output power will be reduced by 20%. When the output voltage of the UPS is set to 208VAC, the output power will be reduced by 20%.
**When the 6/10KVA UPS is set to constant voltage and frequency mode, the output power will be reduced by 40%. When the output voltage of the UPS is set to 208VAC, the output power will be reduced by 10%.
***When the number of internal batteries in the 6/10KVA UPS is changed to 16-19, the machine will reduce the output according to the following formula: P=Prating X (N/20 x 100%).
****If the machine is installed at an altitude exceeding 1000 meters, the output power will decrease by 1% for every 100 meters increase.