

Outdoor Online UPS Top Star Series 1K-10Kva (1ph in/1ph out)

Key Features

UPSEN Outdoor Intelligent High Frequency Online UPS provide continuous pure sine wave AC power supply for outside communications / network equipment. Double-conversion online design, high temperature resistant, anti-cold, sealing level for IP55; With the wide range of input voltage and frequency of input window (-45% +35% rated voltage and ± 10% rated frequency), in many remote areas of China after a severe test of the grid.



Application

UPSEN outdoor UPS is mainly used in the corner of the city, remote roads, mountains, bad environment, such as high temperature (+50 ° C) / low temperature (-15 ° C), severe dust, moisture, rain, mist erosion, very poor power quality (voltage long-term higher than 260V or less than 160V, frequency abnormal change) in the area.

Technical Specification

Model		T1K	T2K	T3K	T6K	T10K
Capacity	Capacity	1KVA/700W	2KVA/1400W	3KVA/2100W	6KVA/4200W	1000KVA/7000W
Input	Nominal voltage	220/230/240VAC				
	Nominal frequency	50/60HZ				
	Voltage Range	115~295VAC(± 3VAC)			176~297VAC(± 3VAC)	
	Frequency Range	50HZ(46~54HZ), 60H(56HZ~64HZ)				
	Power Factor	0.98				
Output	Voltage Precision	220/230/240X (1± 2%)VAC				
	Frequency Precision	50/60HZ± 0.05Hz				
	Power Factor	0.7				
	THDI	< 3% (Linear load)		< 6% (Non-linear load)		
	Overload Capability	Overload (110% ~ 150%) for 30 seconds, then automatically transfer to bypass. When load is normal, it can automatically transfer to normal mode.				
	Crest Factor	3:1				
Battery	Transfer Time	0ms(AC to DC)				
	DC Voltage	36VDC	96VDC	96VDC	240VDC	240VDC
	Charge Current	4A/8A(optional)			4.2A	4.2A
	Internal Battery Capacity	(38/65/80/100AH/120AH)optional				
Panel Display	LED/LCD Digital Display	Display input and output voltage, frequency, battery voltage, battery capacity, load percentage				
Communications	Communicate Interface	RS232, SNMP card(optional)				
Environment	Temperature	0~40° C				
	Humidity	0~95% Non-condensing				
	Storage Temperature	-25° C~55° C				
	Altitude	< 1500m				
	Acoustic Noise (within 1 meter)	< 50dB				
Physical	Weight(KG)	85	125	125	150	155
	Dimensions (LxWxH)mm	900*640*900	900*640*1185	900*640*1185	940*940*1770	940*940*1770