

High Frequency Tower UPS (1-10kVA)

Product Description

Kunlun Power series 1-10kVA high-frequency tower UPS is based on on-line double conversion technology, which is the ideal power supply solution for small-capacity scenarios and eliminates all kinds of power grid problems. This model has single-phase input, single-phase output, tower-type and an The labeling machine has a built-in battery and is flexible and compact, making it easy to deploy in a variety of scenarios.

application scenarios

- AC power supply for small and medium-sized enterprises, branches of large enterprises, bank
- networks, communication systems, automatic control systems AC power supply for precision instruments and equipment
- Supermarkets, homes, offices and other AC-powered scenarios

Characteristics and values



◆ Technologically advanced

- Double conversion on-line UPS, DSP full digital control
- 110VAC~300VAC wide voltage input range and frequency range, strong grid adaptability



◆ Well-protected

- Self-diagnostic function, sound and light alarm at the first time when a fault is found
- Output overload, output short-circuit, inverter over-temperature, battery under-voltage warning and battery over-charging protection



◆ Intelligent management

- Support RS232/USB communication, optional SNMP card/Modbus card/dry contact card can set the charging current, constant current, constant voltage and float charging mode automatic smooth switching

1-10kVA Technical Parameters

Model		UE-0010SPS UE-0010SPL	UE-0020SPS UE-0020SPL	UE-0030SPS UE-0030SPL	UE-0060SPS UE-0060SPL	AUE-0100SPS UE-0100SPL
Capacity		1kVA	2kVA	3kVA	6kVA	10kVA
Input	Wiring Patterns	Single-phase, three-wire				
	Rated input voltage	208/220/230/240VAC				
	Input voltage range	110~300VAC				
	Input frequency range	50/60Hz±6Hz				
	Input power factor	≥0.99				
	Input current harmonics	≤4% (100% nonlinear load), ≤5% (50% nonlinear load)				
	Wiring Patterns	Single-phase, three-wire				
Output	Rated output voltage	208/220/230/240VAC				
	Output power factor	1				
	voltage accuracy	±1%				
	Output frequency	On-line mode: following the utility frequency, Battery mode: (50/60±0.1%) Hz				
	Current peak ratio	3：1				
	output voltage harmonics	≤3%(resistive load), ≤5%(nonlinear load)				
	Overall efficiency (mains)	≥95%				
	Overall efficiency (battery)	≥87.5%				
	overload capacity	Utility mode: Load ≤110% for 30min; ≤130% for 10min. ≤150% for 30s; >150% for 200ms				
Batteries	The number of battery sections of the standard machine	2	4	6	16	
	number of battery sections in the long unit	3	6	8	16~20 knots, default 16 knots	
	Charging current	1A	Default 1A, standard machine 1~4A, long machine 1~12A adjustable		Default 1A,1~12A adjustable	
	Switching time	utility to battery 0ms,utility to bypass 0ms				
Environment	Operating Temperature	0℃~40℃				
	Storage temperature	-15℃~60℃(without battery)				
	humidity range	20~95% (no condensation)				
	working altitude	<1000 meters				
	Noise	<45dB				
communication interface		RS232, USB, SNMP (optional), RS485 (optional), dry contact (optional), EPO (optional)				
long machine/labeling machine dimensions (WDH)(mm)		145*283*220	145*395*220	145*395*220 190*395*320	190*395*320 190*456*692	
Net weight of long/standard machine (kg)		4.0/8.1	5.0/14.0	6.1/19.5	8.4/51.0	9.7/52.5