

T Series Online UPS



Model A, T series 10KVA high-frequency online UPS is a new generation of general-purpose UPS power supply launched by PROSE. It adopts advanced DSP digital control technology, effectively improves product performance and system reliability, and realizes integration and miniaturization of higher power density. At the same time, in order to fully meet the individual needs of users, high-end low-power online UPS power products specially launched for domestic small and medium-sized enterprises and small power supply environments can provide high-reliability power protection for users' departmental servers, small local area networks, workstations, industrial computers, small medical equipment and other small precision electronic instruments.

Small and medium-sized enterprise data room, financial system, small network, industrial automation control system, local area network server, communication base station server, internet cafe, shopping mall cashier, etc.

Characteristic

High Reliability:

- PFC, battery boost, charger and inverter all adopt advanced DSP digital control technology.
- The fan speed changes intelligently with the load rate, which can reduce the noise and prolong the service life of the fan.
- Perfect software and hardware protection function, super self-diagnosis function and rich historical record.
- Advanced digital parallel technology can obtain higher reliability than single machine system.

High Availability:

- Wide input voltage range, adaptive 50Hz/60Hz power grid system, suitable for various environmental power grids:
- Linear derating at low voltage input can reduce the number of battery discharges and prolong the service life of the battery.
- Double-input design can support different sources at the main side and improve the availability of bypass.
- Support 16 batteries, the number of batteries can be flexibly configured, saving customers' investment.
- Under the condition of no commercial power, the UPS can be started directly by the battery to meet the emergency demand:
- When the mains supply is unstable, the switching time of UPS power supply mode is zero, so that the output is guaranteed to be uninterrupted.

- Frequency conversion modes supporting 50Hz input 60Hz output and 60Hz input 50Hz output.

High intelligence:

- Support communication interfaces such as RS232, RS485 and dry contact to monitor the running state of UPS.

High Ease of Use:

- LCD display, combined with multi-function key operation, friendly man-machine interface; "Powerful background software, which can set various parameters and other operations.
- The display mode of LCD is randomly different from the installation mode of tower, and it can rotate freely, which is convenient for users to view.
- By simply increasing the backup time of the battery module.

Energy Conservation and Environmental Protection:

- Adopting active power factor correction (PFC) technology, the input power factor is as high as 0.99.
- It has the function of automatic startup and shutdown, which can be automatically started and shut down according to the load set by customers:

Rich Options:

- RS232, EPO are standard, SNMP card and smart card slot are optional.
- DczZry connection point card.

1-Phase Input and 1-Phase Output T Series UPS 10kVA:

Mode		T10K11HLA	T10K11HIA
Power capacity		10kVA/8000W	
Input	Voltage range	110-300VAC @ 50% load; 176-3000VAC @ 100% load (208/220/230/240VAC)	
	Frequency	46Hz~56Hz or 56Hz~64Hz	
	Power factor	≥0.99 @ 100% load	
Output	Voltage range	208/220/230/240VAC	
	Voltage Scope(Battery Mode)	±1%	
	Frequency	46~54Hz or 56~64Hz (50Hz/60Hz ±0.1Hz)	
	Wave form	Sinusoidal wave	
	Power factor	0.8	
	Harmonic Distortion	≤ 3 % THD (Linear Load); ≤ 5 % THD (Non-Linear Load)	
	Peak value ratio	3: 1	
	Efficiency	Main road mode 92%; Battery Mode 90%	
Battery	Mode	It depends on external battery	12V/9Ah
	Qty	16~20 (adjustable)	16
	Maximum charging voltage	218.4 VDC ±1% (based on 20pcs batteries)	
	Maximum charging current	1A, Max 2A	
	Dc voltage	192V DC	
Communication mode		RS 232、USB、SNMP(optional)	
Option		SNMP communication card, EPO	
Bypass		Standard configuration	
Environment	Temperature	0-40°C	
	Humidness	0-95%	
Noise		<50 dB @ 1m	
Size		190*442*318	190*442*688
W*D*H(mm)			
Weight (kg)		16	66

Ordering Information

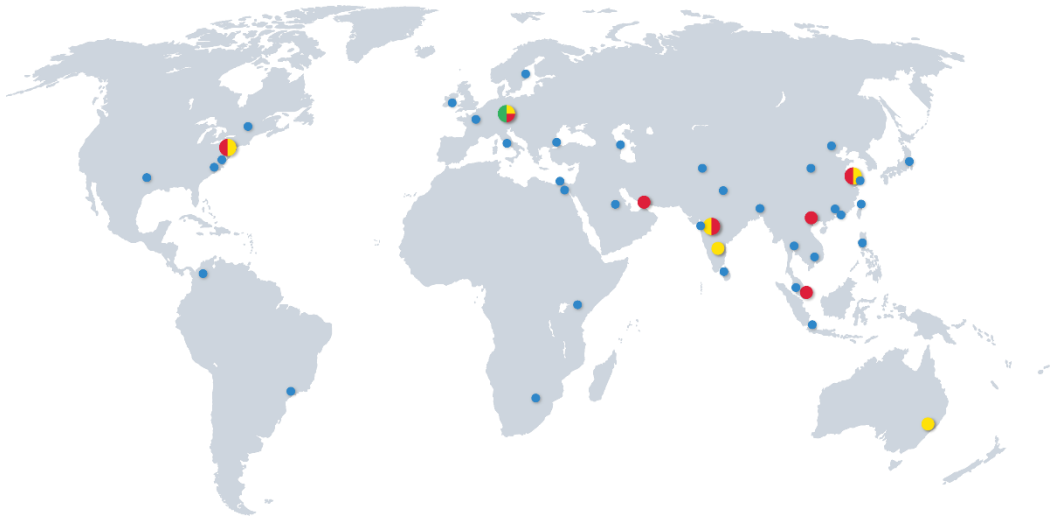
No	PN	Description	Weight
1	T10K11HLA	Tower type online UPS, Input 160~280V, Output 200~240VAC,10KVA/8000W, without internal battery	16kg
2	T10K11HLAN	Tower type online UPS, Input 160~280V, Output 200~240VAC,10KVA/8000W, without internal battery, with SNMP card	16.3kg
3	T10K11HIA	Tower type online UPS, Input 160~280V, Output 200~240VAC,10KVA/8000W, with internal battery	66kg
4	T10K11HIAN	Tower type online UPS, Input 160~280V, Output 200~240VAC,10KVA/8000W, with internal battery, with SNMP card	66.3kg

Name Coding

<u>XX</u>	<u>XXXX</u>	<u>XX</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>
1	2	3	4	5	6	7

1: Installation Method	2: Power Capacity	3: Phase	4: Frequency	5: Backup	6: Series	7:Optional
R: Rack Mounted	1K: 1KVA	11: 1 Phase In, 1 Phase Out	H: High Frequency	I: Standard UPS (With Internal Battery)	A: A Series	N: SNMP
RT: Rack Mounted / Tower Type	2K: 2KVA	31: 3 Phase In, 1 Phase Out	L: Line-Frequency	L: Long-Run UPS (Without Internal Battery)	B: B Series	
	3K: 3KVA	33: 3 Phase In, 3 Phase Out			C: C Series	
	6K: 6KVA					
	10K: 10KVA					

GLOBAL FOOTPRINT



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