

T Series Online UPS



Model A, T series 30KVA 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.
- Strong overload and shock resistance: The inverter output remains stable even when subjected to high-power nonlinear load shocks.
- Compatibility with various generator models: This reduces the operating costs for customers.
- Automatic short-circuit detection: If a short circuit is removed within 3 seconds, the inverter automatically resumes operation. If it persists beyond 3 seconds, the inverter locks and an alarm sounds continuously.

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 6 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.
- Grounding and wiring error detection: An alarm is triggered if the power supply is not grounded or if the neutral and live wires are reversed, with the input indicator light flashing.

High intelligence:

- Support communication interfaces such as RS232, UPS.

High Ease of Use:

- LCD+LED display, combined with multi-function key operation, friendly man-machine interface; "Powerful background software, which can set various parameters and other operations.
- 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.

1-Phase Input and 1-Phase Output A Series UPS 30kVA:

Mode		T30K11HLA	T30K11HIA
Power capacity		30kVA/24kW	
Input	Voltage range	305-478VAC (3-phase) at full load, 190~520VAC (3-phase) at 50% load	
	Rated voltage	3*400 VAC (3-phase + N)	
	Input Voltage	380/400/415V (Line voltage), 3 phase + N + E	
	Frequency	50Hz/60Hz ± 4Hz	
	Power factor	0.99	
Output	Output voltage	3*400 VAC (3-phase + N)	
	Frequency	50Hz/60Hz ± 4Hz	
	Frequency (Battery)	50Hz/60Hz ± 0.1Hz	
	Wave form	Sinusoidal wave	
	Power factor	0.8	
	Harmonic Distortion	≤ 2 % THD (Linear Load); ≤ 5 % THD (Non-Linear Load)	
	Peak value ratio	3: 1	
Efficiency	Main road mode >91.3%; ECO Mode 96%, Battery Mode ≥88%		
Display	LCD + LED		
Battery	Mode	It depends on external battery	12VDC/9Ah
	Qty	16~20 pcs	20pcs*3set
	Charging voltage	273VDC ± 1% (Based on 20pcs)	218.4 VDC ± 1%
	Charging current	12A	4A
	Dc voltage	240VDC	
Communication mode		RS 232/EPO(Standard); SNMP and dry contactor(optional)	
Option		RS485 interface can be inserted and removed, SNMP card	
Bypass		Standard configuration	
Environment	Operating Temperature	0-40℃	
	Humidness	0-95%(non-condensing)	
Noise		<65 dB at 2m	
Altitude		<1000M no derating. Between 1000 and 2000 meters, the power is derated by 1% for every 100 meters increase in altitude.	
Size		250*815*826	300*815*1000
W*D*H(mm)			
Weight (kg)		64	233.5

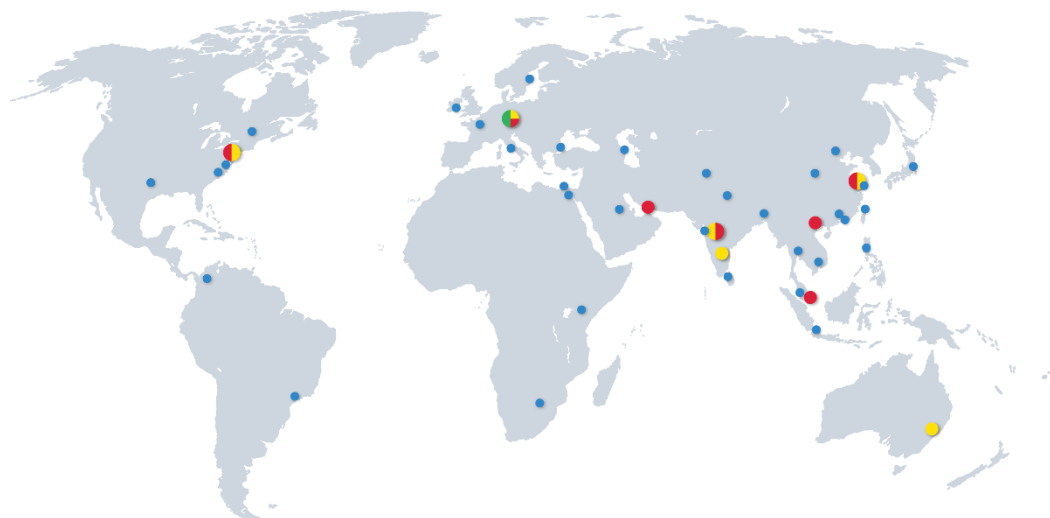
Ordering Information

No	PN	Description	Weight
1	T20K11HLA	Tower type online UPS, Input 304-485V AC, Output 380~415VAC, 20KVA/18kW, without internal battery	64kg
2	T20K11HIA	Tower type online UPS, Input 304-485V AC, Output 380~415VAC, 20KVA/18kW, with internal battery	233.5kg

<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

PROSE Technologies | www.prosetechnologies.com | dw.prosetechnologies.com
The information contained in this document is subject to change without notice. info@prosetechnologies.com

GLOBAL FOOTPRINT



Headquarters

Donauwörth - Germany
PROSE Technologies GmbH
Add.: Dr.-Friedrich-Drechsler-Straße 14, 86609
Donauwörth, Germany
E-mail: info.eu@prosetechnologies.com

Western Europe

Dublin - Ireland
PROSE Technologies (Ireland) Limited
Add.: 6th Floor, South Bank House, Barrow Street,
Dublin 4 Ireland
E-mail: Info@prosetechnologies.com

Eastern Europe & Central Asia

E-mail: info.eeca@prosetechnologies.com

North America

New Jersey - America
PROSE Technologies LLC
Add.: 550 Clark Drive Budd Lake, NJ 07828, United
States of America
Tel: +1 888 840 4066
E-mail: info.us@prosetechnologies.com

Middle East

Dubai - UAE
PROSE Technologies DMCC
Add.: 3702, Mazaya Business Avenue BB2, JLT, Dubai
Tel: +971 4 3999168
E-mail: info.ae@prosetechnologies.com

Africa

Nairobi - Kenya
PROSE Technologies Africa (PTY) Ltd
Tel: +254 780440410
E-mail: info.ke@prosetechnologies.com

Gauteng, (Johannesburg) - South Africa
PROSE Technologies Africa (PTY) Ltd
Add.: Building 20, Cambridge Office Park, 5 Bauhina
Road, Highveld Techno Park Centurion, Gauteng 0169,
South Africa
Mobile: +27 725554840
E-mail: info.za@prosetechnologies.com

South Asia

Mumbai - India
PROSE Technologies India Private Limited
Add.: 403-407, Eco Star, Vishveshwar Nagar,
Goregaon East, Mumbai, India 400063
Tel: +91 22-66453000
E-mail: info.in@prosetechnologies.com

Pune - India
PROSE Technologies India Pvt.Ltd
Add.: A-79, Block-A, Horizon Industrial Parks, Phase II,
MIDC Chakan Industrial Area, Khed, Pune, India
410501
Tel: +91 2135-635200
E-mail: info.in@prosetechnologies.com

Bangalore - India
PROSE Technologies India Private Limited
Add.: No.494 East End Main Road, Jayanagar IX Block,
Bangalore, India 560069
E-mail: info.in@prosetechnologies.com

New Delhi - India
PROSE Technologies India Pvt.Ltd
Add.: H-3/157, 2nd Floor, Vikas Puri, New Delhi, India
110018
E-mail: info.in@prosetechnologies.com

Dhaka - Bangladesh
PROSE Technologies (Bangladesh) Limited
Add.: House-360 (2nd Floor), Lane-5 (East), Baridhara
DOHS, Dhaka-1206, Bangladesh
Tel: +880 1977070130
E-mail: info.bd@prosetechnologies.com

Islamabad - Pakistan
Add.: Unit 514, 5th Floor, ISE Towers, Islamabad,
Pakistan
Tel: +92 3335357733
E-mail: info.pk@prosetechnologies.com

Sri Lanka
Tel: +880 1977070130
E-mail: info.lk@prosetechnologies.com

South East Asia

Selangor - Malaysia
PROSE Technology (M) Sdn. Bhd
Add.: Unit 2-1, Level 2, The Podium, Tower 3, UOA
Business Park, No 1, Jalan Pengaturcara U1/51a,
Seksyen U1, 40150 Shah Alam, Selangor, Malaysia
Tel: +60 126859319
E-mail: info.my@prosetechnologies.com

Bangkok - Thailand
PROSE Technology (Thailand) Co., Ltd
Add.: 349 S.J Infinite 1 Business Complex, 9 Floor, Room
905, Vibhavadi Rangsit Road, Chom Phon Sun-district,
Chatuchak District, Bangkok Province, Thailand
Tel: +66 80 6606630
E-mail: info.th@prosetechnologies.com

Singapore
PROSE Technologies (Singapore) Pte.Ltd
Add.: 10 Anson Road#13-15 International Plaza
Singapore 079903
Tel: +6598366793
E-mail: info.sg@prosetechnologies.com

Hanoi - Vietnam
PROSE Technologies (Vietnam) Company Limited
Add.: Floor 15, Vinaconex 9 Building, HH-2 Block,
Pham Hung Street, Me Tri Ward, Nam Tu Liem District,
Hanoi, Vietnam
Tel: +84 933086498
E-mail: info.vn@prosetechnologies.com

Taguig - Philippines
PROSE Technologies Philippines, Inc.
Add.: Unit 17 19th Floor Highstreet South Corporate
Plaza Tower 1, 26th Street corner 9th Avenue, Bonifacio
Global City, Taguig City, Philippines
Tel: +63 27572762
E-mail: info.ph@prosetechnologies.com

Jakarta - Indonesia
PT. PROSE Technologies Indonesia
Add.: Plaza Sentral 6th Floor, Jalan Jenderal Sudirman
No. 47, Jakarta 12930, Indonesia
Tel: +62 21 57901997
E-mail: info.id@prosetechnologies.com

East Asia

Suzhou - China
PROSE Technologies (Suzhou) Co.,Ltd
Add.: No. 6, Shen'an Road, DianShanHu, Suzhou,
JiangSu, China
E-mail: Info@prosetechnologies.com

Beijing - China
PROSE Technologies (Beijing) Co.,Ltd
E-mail: Info@prosetechnologies.com

Shanghai - China
PROSE Technologies (Shanghai) Co.,Ltd
E-mail: Info@prosetechnologies.com

Dongguan - China
Add.: Room 1506, building 1, No. 1, Yile Road,
Songshanhu Park, Dongguan City, Guangdong
Province, China
E-mail: Info@prosetechnologies.com

Hongkong - China
PROSE Technologies Company Limited
Add.: Unit B 13/F Prat Commercial Building, 17-19 Prat
Avenue, Tsimshatsui, Kowloon, HongKong, China
Tel: +86 512 86896789 - 2921/2922
E-mail: info.hk@prosetechnologies.com

Taiwan
Tel: +63 2 7572762
E-mail: info.tw@prosetechnologies.com

Oceania

New South Wales - Australia
PROSE Technologies (Australia) Pty. Ltd
Add.: 5/13 Boundary Rd, Northmead, NSW 2152,
Australia
Tel: +61 2 78055523
E-mail: info.au@prosetechnologies.com