

RM Series Online UPS



The RM Series 15kVA 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 environment 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

Intelligent Digital Technology

- UPS inverter and PFC adopt the advanced 32-bit high-speed digital signal processor DSP chip as the core control system, which realizes faster data processing and signal control, and greatly improves the performance index and reliability of the whole machine.

Friendly Man-Machine Interface

- With the design of super-large touch screen, the running status, load status, commercial power status and battery status of UPS are clearly displayed on the panel, so that users can keep abreast of the changes of UPS running status and application environment.

Power-On Self-Diagnosis Function

- When powering on and starting up, UPS starts to self-check the key circuits, which can identify the input phase sequence and reverse connection of the positive and negative poles of the battery. In order to find problems in time and eliminate hidden troubles.

50/60Hz Frequency Adaptive Function

- Automatic frequency identification, adapting to 50Hz/60Hz power supply system, and meeting the requirements of global power supply system.

Compatible Generator Input

- The input voltage and frequency range are wide, which can better solve the generator configuration and control, and provide clean, safe, and stable power supply for the load.

And Cold Start and Mains Start Functions.

- In case of abnormal mains supply, the UPS can be started directly by batteries to meet the emergency needs.
- When there is no battery, the UPS can be started directly by commercial power, which can be used as a high precision regulated power supply.

EPO Emergency Shutdown Function

- When an emergency happens, the UPS can be turned off quickly.

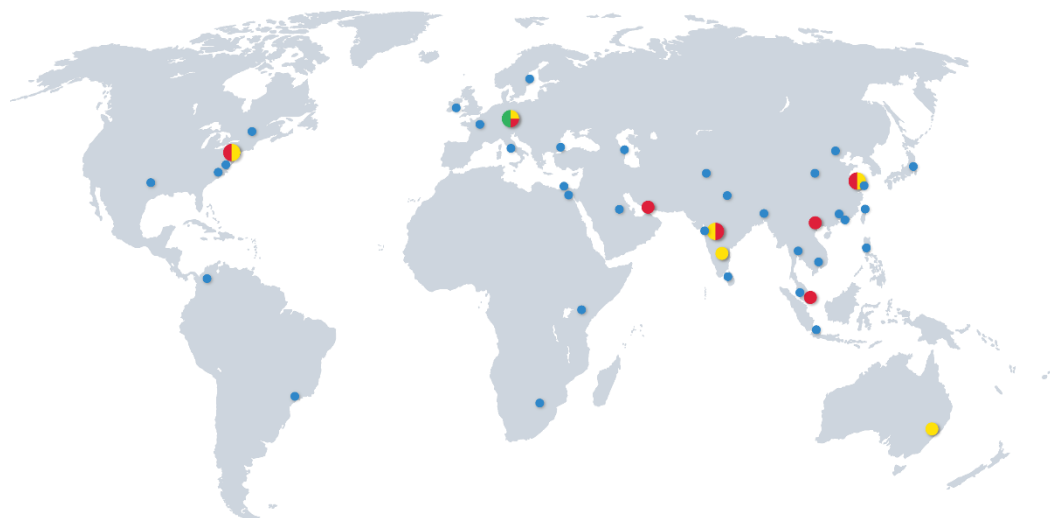
ECO-Economic Operation Mode

- With ECO economic operation mode, it can be more efficient and energy-saving when the power grid is good and reduce the user's use cost.

3-Phase Input and 1-Phase Output RM Series UPS 15kVA:

Mode		UPS-RM20151-31
Power capacity		15kVA
Main input	Cold start function	50Hz
	Voltage range	380/400/415VAC(line voltage); 190-499VAC(line voltage) /100% load @ >305VAC; 90% load @ >266VAC; 75% load @ >228VAC; 50% load @ >190VAC;
	Harmonic current	≤4%
	Power factor	≥0.99
	Frequency	40-70Hz
Output	Rated voltage	220/230/240VAC, 200/208VAC(PF=0.9)
	Voltage regulation	±1%
	Voltage harmonic content	≤1%THD linear load, ≤3%THD nonlinear load
	Power factor	1
	Frequency tracking range	±5Hz default, ±1Hz, ±2Hz, ±3Hz, ±4Hz, ±5Hz
	Frequency tracking range	(50±0.1)Hz
	Overload capacity (Inverter mode)	105%-110% : Switch to bypass after 10 minutes; 111%-125% : 1 minute to switch to bypass; 126% to 150% : Switch to bypass after 30 seconds
	Peak value ratio	3: 1
Bypass	Voltage range	Upper limit: 10%/15%/20%/25%@220VAC; Upper limit: 10%/15%/20%/25%@230VAC; Upper limit: 10%/15%/20%/25%@240VAC; Lower limit: 10%/15%/20%/25%/30%/40%;
	Frequency	±1Hz, ±2Hz, ±3Hz, ±4Hz, ±5Hz option
	Overload capacity	<125% long running time; 126%-130% : Shut down after 5 minutes; 131%~150% : Shut down after 1 minute; >150% : Shutdown after 200 ms;
Switching time	Main road to battery	0ms
	Inverter to bypass	0ms
Battery	Qty	16-24pcs option
	Dc voltage	(192VDC-288VDC) option
System	Main mode efficiency	94.2 at 100% load, 95% at 70%load
	ECO mode efficiency	98%
	Noise (dB)	<62dB
	Reveal	LED+LCD
	Communication interface	RS 232, EPO
	Storage temperature	-40-70°C
	Operating temperature	0-40°C
	Humidness	95% temperature non-condensing
	Altitude	<1500m(Full load)
	Option	DB9 dry contact card, parallel card, Type B USB, SNMP card, RS 485, 12A charger
Size W*D*H(mm)		438*744*173(4U)
Special specification		Depth of the server cabinet ≥1 m
Weight (kg)		33

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

ubai - 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 SJ 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