

## R Series Online UPS



Model A, R series 40KVA 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 16-20 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.
- 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:

- RS485 and smart card slot are standard, and parallel function, battery temperature compensation and SNMP card are optional.
- RS485 card, dry connection point card, and SMS alarm.

### 3-Phase Input and 3-Phase Output A Series UPS 30kVA:

| Mode               |                          | R30K33LA                                                     |
|--------------------|--------------------------|--------------------------------------------------------------|
| Power capacity     |                          | 30kVA/30kW                                                   |
| Input              | Voltage range            | 305-478VAC (3 Phase) at 100% load (380/400/415VAC)           |
|                    | Frequency                | 46-54Hz or 56-64Hz                                           |
|                    | Power factor             | ≥0.99 @ 100% load                                            |
| Output             | Voltage range            | 3 * 360/380/400/415VAC at 100% load (3 Phase+N)              |
|                    | Frequency                | 50/60Hz ±0.1Hz                                               |
|                    | Wave form                | Sinusoidal wave                                              |
|                    | Power factor             | 1                                                            |
|                    | Harmonic Distortion      | ≤ 2 % THD (Linear Load); ≤ 5 % THD (Non-Linear Load)         |
|                    | Peak value ratio         | 3: 1                                                         |
| Efficiency         |                          | Main Road Mode 95.5%; ECO Mode 98.5%; Battery Mode 94.5%     |
| Battery            | Mode                     | It Depends On External Battery                               |
|                    | Qty                      | ±16 ~±20 (Optional)                                          |
|                    | Maximum charging current | 1A-12A (Adjustable)                                          |
|                    | Maximum charging voltage | ±13.65V * N (N=16~20 pcs)                                    |
|                    | Dc voltage               | ±192VDC                                                      |
| Communication mode |                          | RS232、USB、Battery Cold Start, SNMP                           |
| Option             |                          | RS232, SNMP interface can be inserted and removed, EPO, EBMS |
| Bypass             |                          | Standard configuration                                       |
| Environment        | Temperature              | 0-40°C                                                       |
|                    | Humidness                | 20-90%                                                       |
| Noise              |                          | <65 dB @ 1m                                                  |
| Size               |                          | 680*438*133 (3U)                                             |
| W*D*H(mm)          |                          |                                                              |
| Weight (kg)        |                          | 32kg                                                         |

### Ordering Information

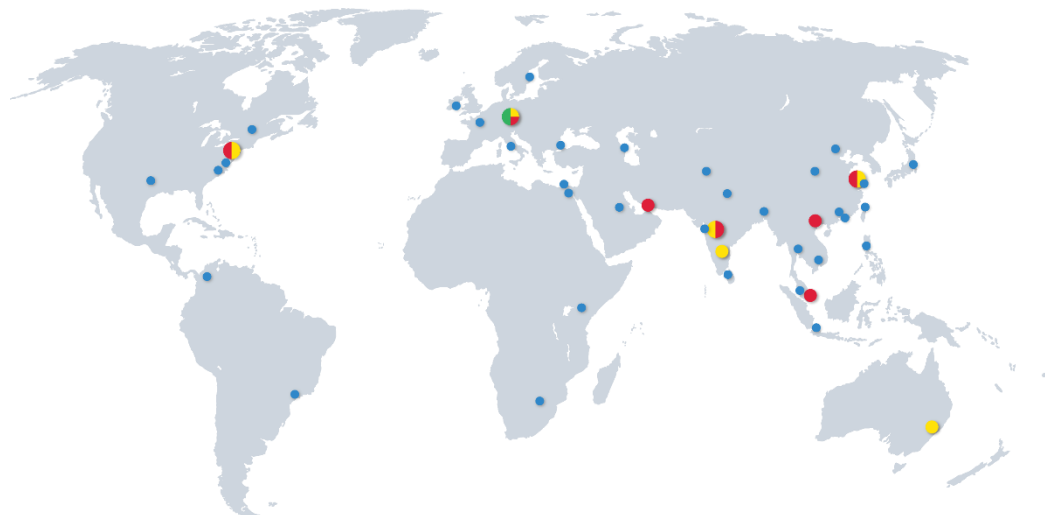
| No | PN        | Description                                                                                                               | Weight |
|----|-----------|---------------------------------------------------------------------------------------------------------------------------|--------|
| 1  | R30K33LA  | Rack-Mounted type online UPS, Input 305-478V, Output 360-415VAC, 30KVA/30KW, 3U, without internal battery                 | 32kg   |
| 2  | R30K33LAN | Rack-Mounted type online UPS, Input 305-478V, Output 360-415VAC, 30KVA/30KW, 3U, without internal battery, with SNMP card | 32.3kg |

Name Coding

|           |             |           |          |          |
|-----------|-------------|-----------|----------|----------|
| <u>XX</u> | <u>XXXX</u> | <u>XX</u> | <u>X</u> | <u>X</u> |
| 1         | 2           | 3         | 4        | 5        |

| 1: Installation Method        | 2: Power Capacity | 3: Phase                    | 4: Backup                                  | 5: Series Number |
|-------------------------------|-------------------|-----------------------------|--------------------------------------------|------------------|
| R: Rack Mounted               | 1K: 1KVA          | 11: 1 Phase In, 1 Phase Out | I: Standard UPS (With Internal Battery)    | A: A Series      |
| RT: Rack Mounted / Tower Type | 2K: 2KVA          | 31: 3 Phase In, 1 Phase Out | 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        |                             |                                            |                  |
|                               | 15K: 15KVA        |                             |                                            |                  |
|                               | 20K: 20KVA        |                             |                                            |                  |
|                               | 30K: 30KVA        |                             |                                            |                  |

## GLOBAL FOOTPRINT



### Headquarters

**Donauwörth - Germany**  
**PROSE Technologies GmbH**  
Add.: Dr.-Friedrich-Drechsler-Straße 14, 86609  
Donauwörth, Germany  
E-mail: [info.eu@prosetechnologies.com](mailto: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](mailto:Info@prosetechnologies.com)

### Eastern Europe & Central Asia

E-mail: [info.eeca@prosetechnologies.com](mailto: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](mailto: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](mailto:info.ae@prosetechnologies.com)

### Africa

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

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

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

**Sri Lanka**  
Tel: +880 1977070130  
E-mail: [info.lk@prosetechnologies.com](mailto: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](mailto:info.my@prosetechnologies.com)

**Bangkok - Thailand**  
**PROSE Technology (Thailand) Co., Ltd**  
Add.: 349 SJ Infinite I 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](mailto: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](mailto: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](mailto: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](mailto: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](mailto: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](mailto:Info@prosetechnologies.com)

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

**Shanghai - China**  
**PROSE Technologies (Shanghai) Co.,Ltd**  
E-mail: [Info@prosetechnologies.com](mailto: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](mailto: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](mailto:info.hk@prosetechnologies.com)

**Taiwan**  
Tel: +63 2 7572762  
E-mail: [info.tw@prosetechnologies.com](mailto: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](mailto:info.au@prosetechnologies.com)