



# SE Series 48V

## Lithium Battery Energy Storage

- ☐ Supports wall or floor mounting
- ☐ Up to 16 in parallel connection, expand to 256kWh
- ☐ Proven Li-ion battery management solutions
- ☐ Support WiFi and Bluetooth view real-time data through APP
- ☐ Get started quickly and use it instantly

### ABOUT SRNE

- ☐ SRNE 15 years in PV industry, committed to independent R&D and production.
- ☐ Holds over 200 patents in energy storage, with unique industry-leading technologies.
- ☐ Chooses top-quality international components to deliver high-value products to customers.
- ☐ Upholds values of customer priority, proactivity, responsibility, and innovative breakthroughs.

| MODEL                             | SR-SE05B                                    | SR-SE10B      | SR-SE15B      | SR-SE15B-Pro  | SR-SE16B-Pro  |
|-----------------------------------|---------------------------------------------|---------------|---------------|---------------|---------------|
| MAIN INFO                         |                                             |               |               |               |               |
| Rated Voltage                     | 51.2V                                       |               |               |               |               |
| Rated Capacity                    | 100Ah                                       | 205Ah         | 280Ah         | 280Ah         | 314Ah         |
| Battery Energy                    | 5.12kWh                                     | 10.49kWh      | 14.33kWh      | 14.33kWh      | 16.07kWh      |
| Battery Type                      | LFP                                         |               |               |               |               |
| Cycle Lifespan                    | 6000 Cycles                                 |               |               |               |               |
| Max. Parallel Capacity            | 1~16 units                                  |               |               |               |               |
| CHARGE&DISCHARGE                  |                                             |               |               |               |               |
| Max. Charging Voltage             | 58.4V                                       |               |               |               |               |
| Over Discharging Voltage          | 44.8V                                       |               |               |               |               |
| Standard charge/discharge current | 50A                                         | 100A          | 140A          | 140A          | 150A          |
| Max. charge/discharge current     | 100A                                        | 200A          | 200A          | 200A          | 200A          |
| Peak. charge/discharge current    | 120A (3s)                                   | 240A (3s)     | 240A (3s)     | 240A (3s)     | 240A (3s)     |
| Breaker Current                   | /                                           | /             | /             | 240A          | 240A          |
| GENERAL                           |                                             |               |               |               |               |
| Weight                            | 44kg                                        | 88kg          | 123kg         | 124kg         | 128kg         |
| Dimension                         | 646*396*150mm                               | 690*433*256mm | 839*432*270mm | 839*432*270mm | 839*432*270mm |
| Communication                     | CAN/RS485/USB                               |               |               |               |               |
| WIFI                              | √                                           |               |               |               |               |
| Bluetooth                         | √                                           |               |               |               |               |
| Storage Condition                 | 6 months @25℃; 3 months @35℃; 1 months @45℃ |               |               |               |               |
| Charging Temp. Range              | 0~45℃                                       |               |               |               |               |
| Discharging Temp. Range           | -10~45℃                                     |               |               |               |               |
| Cooling Method                    | Natural cooling                             |               |               |               |               |
| Protection Degree                 | IP30                                        |               |               |               |               |
| STANDARD                          |                                             |               |               |               |               |
| Transportation                    | UN38.3, MSDS                                |               |               |               |               |
| Safety                            | IEC 62619: 2017, EN IEC 61000-6             |               |               |               |               |

