



SF Series 48V

Lithium Battery Energy Storage

- Supports wall or floor mounting
- Up to 32 in parallel connection, expand to 163.84~963.2kWh
- 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-SF05B-Pro	SR-SF10B-Pro	SR-SF15B-Pro	SR-SF16B-Pro	SR-SF20B-Pro	SR-SF30B-Pro
MAIN INFO						
Rated Voltage	51.2V	51.2V	51.2V	51.2V	51.2V	51.2V
Rated Capacity	100Ah	205Ah	280Ah	314Ah	392Ah	588Ah
Battery Energy	5.12kWh	10.49kWh	14.33kWh	16.07kWh	20.07kWh	30.10kWh
Battery Type	LFP					
Life cycles	6000	6000	6000	8000	9000	10000
Max. Parallel Capacity	32 units					
CHARGE&DISCHARGE						
Max. Charging Voltage	57.6V	57.6V	57.6V	57.6V	57.6V	57.6V
Over Discharging Voltage	44.8V	44.8V	44.8V	44.8V	44.8V	44.8V
Standard charge/discharge current	50A	100A	140A	157A	196A	294A
Max. charge/discharge current	70A/100A	140A/200A	200A/200A	200A/200A	250A/250A	300A/300A
Peak. charge/discharge current(10s)	120A	240A	250A	250A	300A	350A
Breaker Current	125A	250A	250A	250A	375A	375A
Rated DC power	2.5kW	5.12kW	7.16kW	8.03kW	10.03kW	15.05kW
Max.Charge/Discharge Power	3.5kW/5kW	7.6kW/10.2kW	10.2kW/10.2kW	10.2kW/10.2kW	12.8kW/12.8kW	15.3kW/15.3kW
GENERAL						
Weight	46kg	90kg	120kg	122kg	148kg	208kg
Dimension（mm）	715*350*155	715*380*255	895*380*264	895*380*264	915*400*277	1065*598*290
Communication	CAN/RS485/USB					
Display	Touch LCD					
WIFI	√					
Fire suppression system	Aerosol					
Heating function	Optional					
Storage Condition	6 months @25℃; 3 months @35℃; 1 months @45℃					
Charging Temp. Range	0～55℃					
Discharging Temp. Range	-10～55℃					
Cooling Method	Natural cooling					
Protection Degree	IP30					
STANDARD						
Transportation	UN38.3, MSDS					
Safety	IEC 62619: 2022, EN IEC 61000-6					

