

Vertical Energy Storage System

SR-EOV24 Series

EOV24-5.0S-S1 EOV24-10.0S-S1
EOV24-5.0U-S1 EOV24-10.0U-S1

Long life and safety

Vertical industry integration ensures more than 5000 cycles with 80% DoD.

Easy to install and use

Integrated inverter design, easy to use and quick to install. Small size, minimizing installation time and cost Compact and stylish design suitable for your sweet home environment.

Multiple working modes

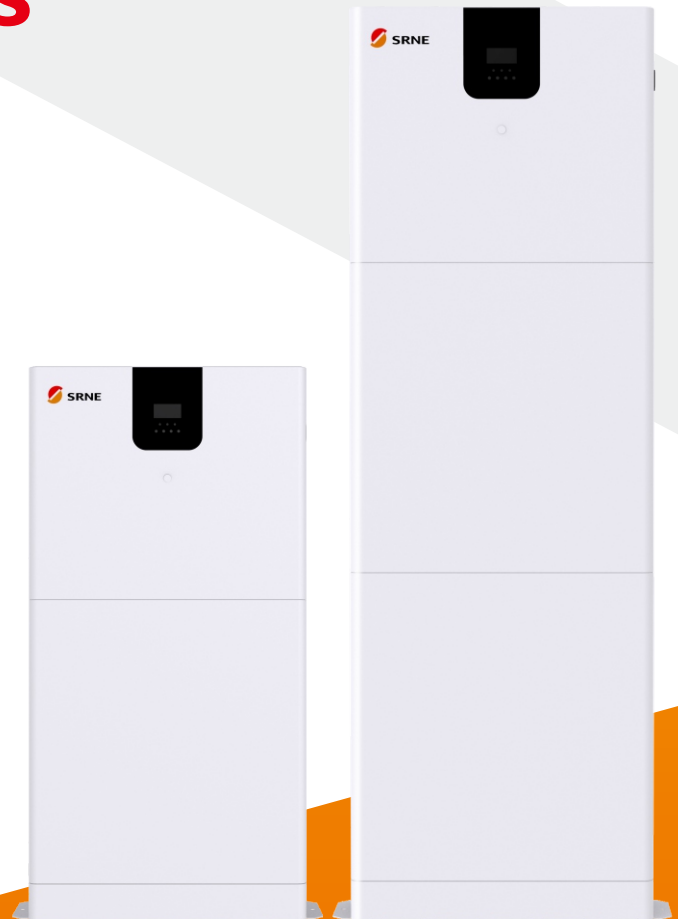
The inverter has a variety of working modes. Whether it is used for main power supply in the area without electricity or backup power supply in the area with unstable power to deal with sudden power failure, the system can respond flexibly.

Fast and flexible charging

A variety of charging methods, which can be charged with photovoltaic or commercial power, or both at the same time

Scalability

You can use 4 batteries in parallel at the same time, and can provide a maximum of 20kwh for your use.



Application scenario >>>



Product parameters

SR-EOV24-5.0S-S1	
BATTERY TECHNICAL SPECIFICATION	
Battery model	SR-EOV24-5.0A-E1
Number of batteries	1
Battery Energy	5.12kWh
Battery Capacity	200AH
Weight	100kg
Dimension L× D× H	1190x600x184mm
Battery Type	LiFePO4
Battery Rated Voltage	25.6V
Battery Working Voltage Range	22.4 ~ 28.8V
Maximum Charging Current	150A
Maximum Discharging Current	150A
DOD	80%
Designed Life-span	5000
INVERTER TECHNICAL SPECIFICATION	
INVERTER MODEL	SR-EOV24-3.5S-C1
PV CHARGE	
Solar Charge Type	MPPT
Maximum Output Power	4000W
PV Charging Current Range	0~80A
PV Operating Voltage Range	120~500V
MPPT Voltage Range	120~450V
AC CHARGE	
Maximum Charge Power	2240W
AC Charging Current Range	0~80A
Rated Input Voltage	220/230Vac
Input Voltage Range	90~280Vac
AC OUTPUT	
Rated Output Power	3500W
Maximum Output Current	30A
Frequency	50Hz
Overload Current	35A
BATTERY INVERTER OUTPUT	
Rated Output Power	3500W
Maximum Peak Power	6000VA
Power Factor	1
Rated Output Voltage (Vac)	230Vac
Frequency	50Hz
Auto Switch Period	< 15ms
THD	< 3%
GENERAL DATA	
Communication	RS485/CAN/WIFI
Storage time / temperature	6 months @25°C;3 months @35°C;1 months @45°C;
Charging temperature range	0~45°C
Discharging temperature range	-10~45°C
Operation Humidity	5% ~ 85%
Nominal Operation Altitude	< 2000m
Cooling Mode	Force-Air Cooling
Noise	60dB(A)
Ingress Protection Rating	IP20
Recommended Operation Environment	Indoor
Installation Method	Vertical
Certification	UN38.3,MSDS,EN55032,EN55024,EN61000-3-2,EN61000-3-3