

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.

Seasy 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

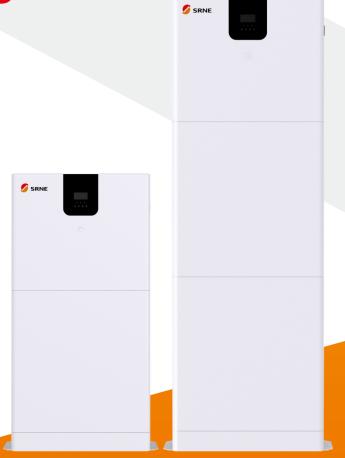
The inverter has a variety of working modes. Whether it is used for main power supply in the area without electricity or backup power supply in the area with unstable power to deal with sudden power failure, the system can respond flexibly.

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	SR-EOV24-10.0S-S1	SR-EOV24-5.0U-S1	SR-EOV24-10.0U-	
BATTERY TECHNICAL SPECIFICATION				'	
Battery model	SR-EOV24-5.0A-E1				
Number of batteries	1	2	1	2	
Battery Energy	5.12kWh	10.24kWh	5.12kWh	10.24kWh	
Battery Capacity	200AH	400AH	200AH	400AH	
Weight	100kg	170kg	100kg	170kg	
Dimension L× D× H	1190x600x184mm	1800x600x184mm	1190x600x184mm	1800x600x184mm	
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	l				
INVERTER MODEL	SR-EOV2	4-3.5S-C1	SR-EOV2	4-3.5U-C1	
PV CHARGE					
Solar Charge Type	МРРТ				
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 1120W				
AC Charging Current Range	0~80A		0~40A		
Rated Input Voltage	220/230Vac		110/120Vac		
Input Voltage Range	90~280Vac 90~140Vac				
AC OUTPUT					
Rated Output Power		350	0W		
Maximum Output Current	30A 40A				
Frequency	50Hz		60Hz		
Overload Current	35A 45A				
BATTERY INVERTER OUTPUT					
Rated Output Power		350	0\\/		
Maximum Peak Power	3500W 6000VA				
Power Factor	1				
Rated Output Voltage (Vac)	22()Vac		DVac	
Frequency		Hz)Hz	
Auto Switch Period	50		ōms		
THD			3%		
GENERAL DATA					
Communication		R\$485/C	AN/WIFI		
Storage time / temperature	6 months @25°C;3 months @35°C;1 months @45°C;				
Charging temperature range	0~45℃				
Discharging temperature range	-10~45°C				
Operation Humidity		5% ~ 85%			
Nominal Operation Altitude	< 2000m				
Cooling Mode	Force-Air Cooling				
Noise			B(A)		
Ingress Protection Rating	IP20				
Recommended Operation Environment	Indoor				
•		Vertical			
Installation Method	UN38.3,MSDS,EN55032,EN55024,EN61000-3-2,EN61000-3-3				

www.srnesolar.com