

Vertical Energy Storage System

SR-EOV48 Series

EOV48-5.0S-S1 EOV48-10.0S-S1 EOV48-15.0S-S1 EOV48-20.0S-S1

Long life and safety

Vertical industry integration ensures more than 6000 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.

S 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.









Product parameters

	SR-EOV48-5.0S-S1	SR-EOV48-10.0S-S1	SR-EOV48-15.0S-S1	SR-EOV48-20.0S-S			
BATTERY TECHNICAL SPECIFICATION							
Battery model	SR-EOV48-5.0A-E1						
Number of batteries	1	2	3	4			
Battery Energy	5.12kWh	10.24kWh	15.36kWh	20.48kWh			
Battery Capacity	100AH	200AH	300AH	400AH			
Weight	80kg	130kg	190kg	250kg			
Dimension L× D× H	1190×600×184	1800×600×184	1800×600×184 690×600×184	1800×600×184 1300×600×184			
Battery Type	LiFePO4						
Battery Rated Voltage	51.2V						
Battery Working Voltage Range	44.8 ~ 57.6V						
Maximum Charging Current	100A						
Maximum Discharging Current	100A						
DOD	80%						
Parallel Quantity	4						
Designed Life-span	6000						
INVERTER TECHNICAL SPECIFICATION							
Inverter model	SR-EOV48-5.0S-C1						
PV CHARGE							
Solar Charge Type	МРРТ						
Maximum Output Power	5000W						
PV Charging Current Range	0~80A						
PV Operating Voltage Range	120~500V						
MPPT Voltage Range	120~450V						
AC CHARGE							
Maximum Charge Power		315	0W				
AC Charging Current Range	0~60A						
Rated Input Voltage	220/230Vac						
Input Voltage Range	90∼280Vac						
AC OUTPUT							
Rated Output Power	5000W						
Maximum Output Current	30A						
Frequency	50Hz						
Overload Current		35	5A				
BATTERY INVERTER OUTPUT							
Rated Output Power	5000W						
Maximum Peak Power	10KVA						
Power Factor	1						
Rated Output Voltage (Vac)	230Vac						
Frequency	50Hz						
Auto Switch Period THD	<15ms <3%						
GENERAL DATA		< : 					
Communication		RS485/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℃						
Discharging temperature range	5% ~ 85%						
Operation Humidity		5% ~		< 2000m			
Operation Humidity			00m				
Operation Humidity Nominal Operation Altitude		< 20	00m · Cooling				
Operation Humidity Nominal Operation Altitude Cooling Mode Noise Ingress Protection Rating		< 20 Force-Air 60dl IP2	00m · Cooling B(A) 20				
Operation Humidity Nominal Operation Altitude Cooling Mode Noise		< 20 Force-Air 60dl	00m Cooling B(A) 20 oor				