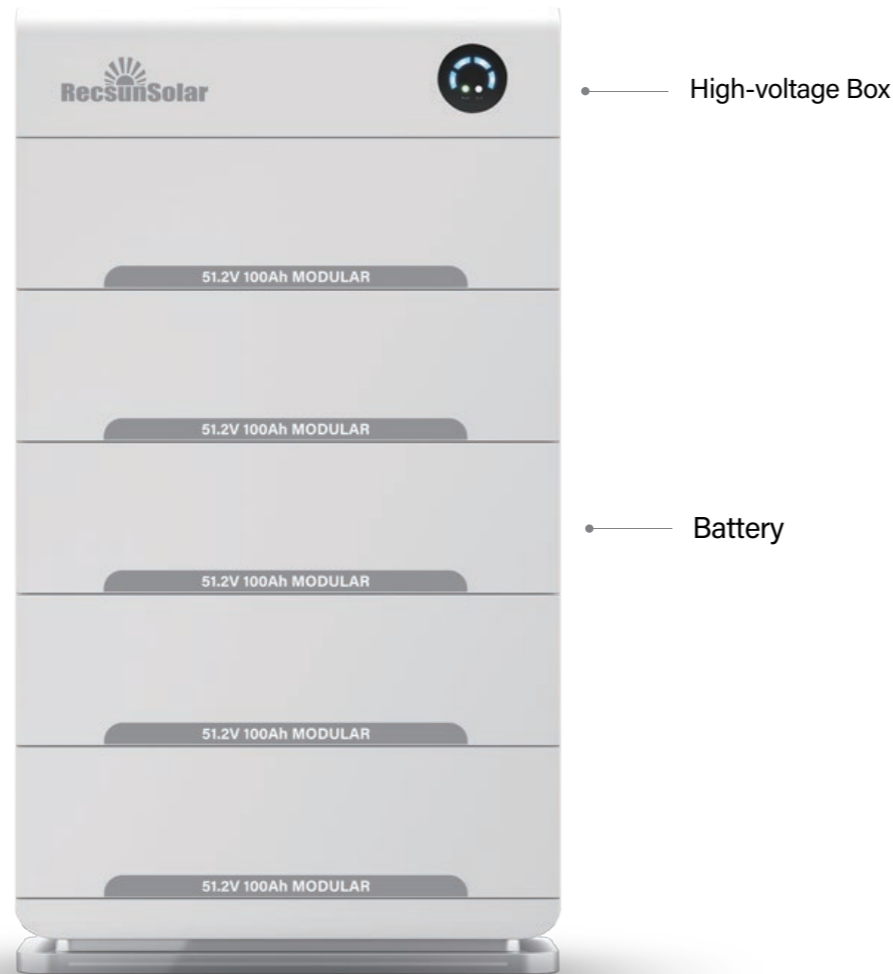


STACKED ENERGY STORAGE SYSTEM

High Voltage Stackable ESS, With High Voltage Box



- High-voltage inverter to meet more electricity demand
- Large-capacity battery, smaller size but longer life
- High-density LiFePO4 battery, 6000 cycles life
- High energy conversion rate
- Reliable quality and low maintenance rate
- Precise battery management technology
- Modular design for easy maintenance
- Quick and easy installation



Stable Power Supply



Precise Management



High Utilization



Long Life Cycle

Model

S102100-HV

Basic information

	2	3	4	5	5
Number of Batteries	2	3	4	5	5
Nominal Battery Energy	20.48kWh	30.72kWh	40.96kWh	51.20kWh	51.20kWh
Nominal Capacity	100Ah	100Ah	100Ah	100Ah	100Ah
Nominal Voltage (Single Battery)	102.4V	102.4V	102.4V	102.4V	102.4V
Nominal Voltage	204.8V	307.2V	409.6V	512V	614.4V
Max. Continuous Discharge Power	20.48kW	30.72kW	40.96kW	51.20kW	61.40kW
Max. Continuous Charge Power	20.48kW	30.72kW	40.96kW	51.20kW	61.40kW
Dimension[W*D*H](mm)	800*540*646	800*540*826	800*540*1006	800*540*1186	800*540*1366
Net Weight	226kg	316kg	406kg	496kg	586kg
High-voltage Box Net Weight	20.5kg	20.5kg	20.5kg	20.5kg	20.5kg
Battery Net Weight	180kg	270kg	360kg	450kg	540kg
Base Net Weight	25.5kg	25.5kg	25.5kg	25.5kg	25.5kg

Other parameters

Charging Temp. Range	0 - 50°C
Discharging Temp. Range	-10 - 5°C
Communication Protocol	CAN
Cycle Life	6000 Cycles (@90% DOD)
Protection Level	IP65
Color	White/Customizable
Alarms	Overcharge/Overdischarge/Overcurrent/Overtemperature/Short Circuit
Advantages	Can be used in both grid and off-grid setups,compact design,modular expansion