



## Small Energy Storage System(SESS)

### ReneSola SESS kit is a smart energy storage solution for your household.

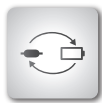
ReneSola SESS is a solution which stores solar energy to lithium-ion batteries and releases it when you're ready to use it. All parts (battery, off-grid inverter, BMS and solar charger) are integrated into the kit. Built-in handles and casters make ReneSola's SESS kit portable and easy to move.



All-in-one  
kit solution



Multiple charging options  
— PV or Grid input is available



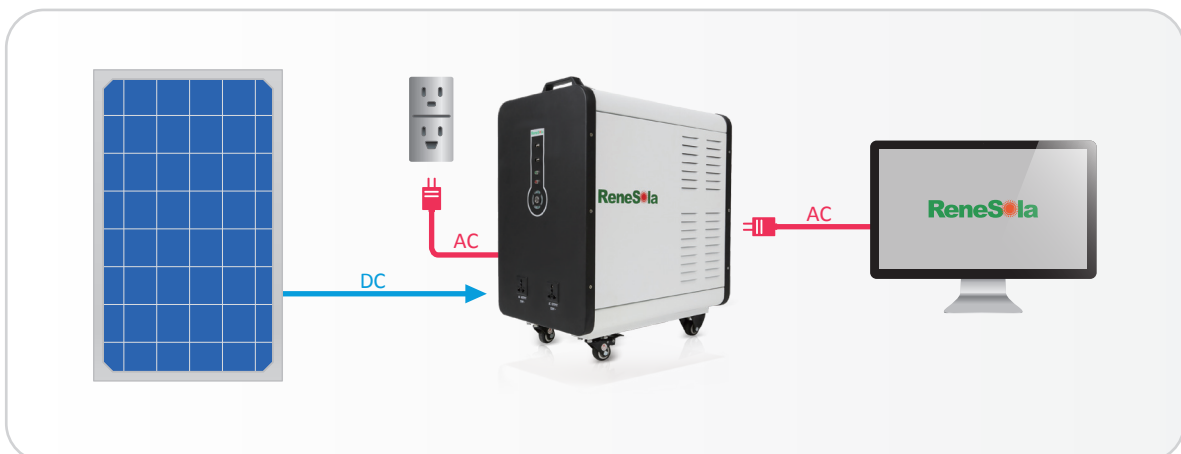
PV and LiFePO4 battery combination  
— long life cycle,  
Environmentally-friendly and safe



LED/LCD Display  
— easy to operate



### System Connection



### System working mode

<b>PV Working Mode</b>	Electricity generated from your PV modules power the load directly excess energy charges the battery. When there is no electricity from the PV or battery, the system will switch to the utility to power your load automatically.
<b>UPS Mode</b>	The system will work in bypass mode, which is when grid electricity will power the load and charge the battery to full capacity. In the event of any grid interruption, the battery will substitute the grid to power the load.

### Product series parameters

Model		SESS1000	SESS2000
Battery	Lithium Battery	2.5kWh	2.5kWh
Electrical Features	Rated Output Power	1000W	2000W
	Output Voltage	100V / 110V / 220V / 230V	
	Output Frequency	50Hz or 60Hz	
	Input Voltage	85V-135V / 165V-275V	
	Input Frequency	50Hz ± 5% or 60Hz ± 5%	
PV Features	Max Input Power	1000W	1000W
Switch Time	Grid switch to Battery	Less than 20ms	
Product	Dimension 【WDH】	320*500*500mm (12.6*19.7*19.7 inches)	
	Weight	60Kg (132 lbs)	68Kg (150 lbs)
Environment	Working Temperature	-10℃-50℃	
	Humidity	10% ~ 90% RH	
	Altitude	Less than 2000m	
	Place	Indoor	
	Warranty	System: 3 years    Battery: 5 years	