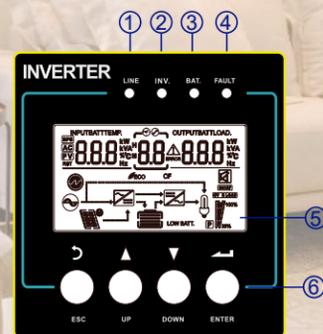
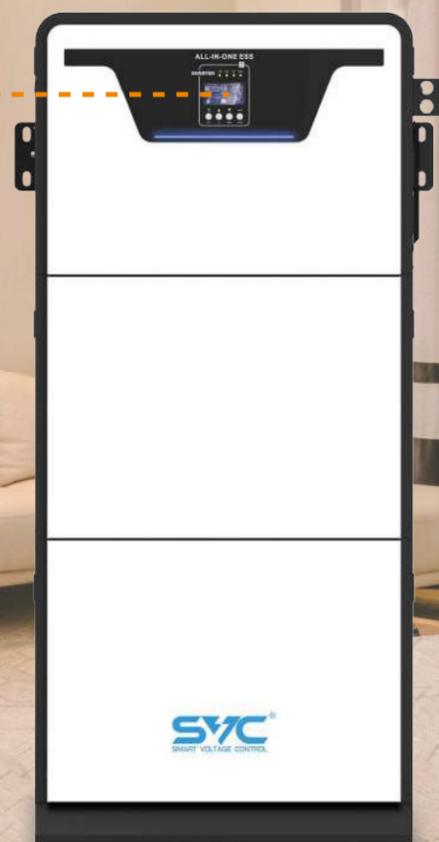


# STACKED ALL IN ONE ESS

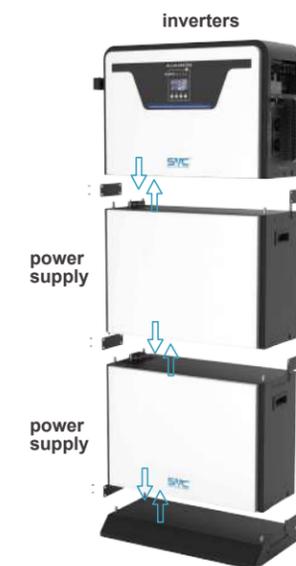
## STACKED RPS series



- 1. Line indicator
- 2. INV indicator
- 3. Battery indicator
- 4. Fault indicator
- 5. LCD display
- 6. Function buttons

### Main Features

- Elegant and stylish, floor installation.
- Hybrid inverter, with built-in batteries and MPPT solar controller.
- Selectable priority between solar, batteries or mains to feed the output.
- Wide range of selectable mains input voltage.
- Protection for over-discharge, overload, over-temperature, short-circuit protection etc.
- Supports RS485/CAN/SNMP/Wifi/Bluetooth monitoring function.
- Built in lithium battery with extremely long life 6000 cycles.
- Stacked design facilitates inverter maintenance and battery capacity expansion.



### Technical Parameter

Model No	RPS 3+5	RPS 5+5	RPS 5+10	RPS 5+15
<b>AC Input</b>				
Rated Input Voltage	208/220/230/240 VAC			
Input Voltage Range	Appliance mode: 90~280V; UPS mode: 170~264V			
Frequency Range	50/60Hz(Auto Sensing)			
AC Charging Current Range	100A		80A	
Max. Input Current	130A		90A	
<b>PV Input</b>				
Solar Charging Type	MPPT			
PV Max. Input Power	4 kW		5.5kW	
MPPT Tracking Voltage Range	120-430 VDC			
Max. PV Input Voltage	500 VDC			
PV Charging Current Range	100A		0~80A	
Max. Charging Current (PV+AC)	100A		80A	
<b>Output</b>				
Rated Output Power	3kW		5kW	
Rated Output Voltage	(220V~240V)±5%			
Output Frequency	50/60Hz±0.1%			
Max. Output Current	22.7A			
Peak Power	6000W		10000W	
Overload Capacity	Battery Mode: 1min@102%~110% Load ; 10s@110%~130%Load; 3s@130%~150% Load ; 200ms@>150% Load			
Peak Efficiency	>94% battery mode >99% line mode			
Transfer Time	10ms			
<b>Battery</b>				
Battery Voltage	24VDC		48VDC	
Battery Energy		5.12kWh	10.24kWh	15.36kWh
Cell technology	LiFePO4			
DOD	80%			
<b>Product General Data</b>				
Designed Life-span cycle	6000			
Communication Interface	RS232, RS485, CAN(Standard),SNMP/Wifi/Bluetooth(Optional)			
Display	LCD&LED			
Parallel Interface	RS485&CAN			
Operation Environment Temperature	0~40°C			
Storage Environment Temperature	-15~60°C			
Environment Humidity	20%~95%			
Operation Altitude	<3000m			
Cooling Mode	Active Cooling			
Noise Emission	<50db			
Demension(W*H*D)(mm)	566.2 x 820 x 303		566.2 x 1200x 303	566.2 x 1580 x 303
Weight (kg)	68		118	168



All-In-One Solar ESS  
RPS 3+5/RPS 5+5/RPS5+10/RPS5+15