

7. Off - Grid Solar Energy Storage System

**5kW
Single Phase
Hybrid Inverter**



**7.1 Low-Voltage
Stackable Residential
Energy Storage System**



-  LiFePO4 battery pack with more than 10 years life time.
-  Fully modular design and expand or decrease module amount at any time, Easier to do storage capacity expansion and maintenance.
-  Exclusively designed for residential ESS. Clear display for system working status .Automaticall-ly intelligent management, no need for manual operation.
-  Multiple safety design, make it safer for residential-usage; IP Protection Rate IP54.

Model Type	SMT-HESS-LV3840B			
No. of Battery in Parallel	1	2	3	4
Rated Capacity (kWh)	3.8	7.6	11.5	15.3
Size (W*D*H) mm	570*352*381	570*352*537	570*352*693	570*352*849
Rated Voltage	51.2	51.2	51.2	51.2
Depth of Discharge (DoD)	90%	90%	90%	90%
Working Temperature (Degrees Celsius)	0~50	0~50	0~50	0~50
Communication Port	RS485;CAN	RS485;CAN	RS485;CAN	RS485;CAN
Life Cycle	>10Years	>10Years	>10Years	>10Years

Model Type	SMT-HESS-LV3840B			
No. of Battery in Parallel	5	6	7	8
Rated Capacity (kWh)	19.2	23	26.8	30.7
Size (W*D*H) mm	570*352*1005	570*352*1161	570*352*1317	570*352*1473
Rated Voltage	51.2	51.2	51.2	51.2
Depth of Discharge (DoD)	90%	90%	90%	90%
Working Temperature (Degrees Celsius)	0~50	0~50	0~50	0~50
Communication Port	RS485;CAN	RS485;CAN	RS485;CAN	RS485;CAN
Life Cycle	>10Years	>10Years	>10Years	>10Years