



High-Voltage Stackable Residential Energy Storage System



LiFePO4 battery pack with more than 15 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. Automatically intelligent management, no need for manual operation.



Multiple safety design, make it safer for residential-usage; IP Protection Rate IP54.

Model Type	SMT-HESS-HV5120B				
No. of Battery in Series	4	5	6	7	8
Nominal Voltage (V)	204.8	256	307.2	358.4	409.6
Nominal Capacity (kWh)	20.48	25.6	30.72	35.84	40.96
Size (W*D*H) mm	590*363*923	590*363*1093	590*363*1263	590*363*1433	590*363*1603

Battery Module					
Nominal Voltage (V)	51.2	51.2	51.2	51.2	51.2
Nominal Capacity (Ah)	100	100	100	100	100
Nominal Running Rate	0.5C	0.5C	0.5C	0.5C	0.5C
Depth of Discharge (DoD)	90%	90%	90%	90%	90%
Communication Port	RS485;CAN	RS485;CAN	RS485;CAN	RS485;CAN	RS485;CAN
Number of Cycles (Times)	6000@25°C	6000@25°C	6000@25°C	6000@25°C	6000@25°C

*All illustrations and data may differ from standard product, Subject to change without notice.



TEL:86-021-69986891

EMAIL:info@sermatec-ess.com

WEB:www.sermatec-ess.com

ADD:1388 Xindian Road, Jiading District, Shanghai