

# Low-Voltage Modulized Residential Energy Storage System



LiFePO4 battery pack with more than 15 years life time.



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 I-usage.



Fully modular design and expand or decrease module amount at any time, Easier to do storage capacity expansion and maintenance.

## ► System Parameters

Model Type	SMT-HESS-LV2560A
Battery Cell Type	LiFePO4
Battery Box Configuration	1P15S
Nominal Voltage (V)	48
Nominal Capacity (Ah)	50
Nominal Energy (kWh)	2.4
<b>Electrical Parameters</b>	
Voltage Range (V)	42~54
Charging/Discharging Efficiency	≥97% (@25°C)
Nominal Charging Current	25
Max Charging Current	100
Nominal Discharging Current	25
Max Discharging Current	100
<b>Structure Parameters</b>	
Weight (kg)	28±1
Size (W*D*H) mm	433*253*87
Protection Level	IP20
Cooling	Natural Cooling
<b>Working Condition</b>	
Ambient Temperature	Charging:0°C~50°C/Discharging:-20°C~50°C/Store:-250°C~550°C
Working humidity	5~95%, No Condensation
Altitude (m)	< 4000
Installation Position	Indoor
Number of Cycles	6000@25 °C

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

