




HIGH VOLTAGE STACKED ESS

RESIDENTIAL ENERGY STORAGE

CAPACITY

10.24kWh Battery Module
Expandable to 30.72kWh

-  LFP cells and cobalt free, no memory effect, high performance.
-  Scalable and thin design, easy to install and save space. Expandable to 30.72kWh. IP65, support outdoor installation. Multi-battery self-adaptive parallel design without dial code.
-  BMS 2.0 Smart parallel equalization algorithm, millivolt level charging control policy, cycle life of more than 6000 times.
-  Compatible inverters cover most of the brands in the market such as Growatt, SOFAR, Solar Edge, SUNGROW, GoodWe, Megarevo, etc.
-  Subsidiaries and distributors worldwide offer local support.
-  IOT Internet of Things module technology, which with user friendly APP could monitor and maintain remotely. 5 years product warranty, 10 years battery warranty.



PRODUCT PARAMETER

Item	HV T10	HV T15	HV T20	HV T25	HV T30
Module Number	2	3	4	5	6
Nominal Voltage	204.8V	307.2V	409.6V	512.0V	614.4V
Nominal Energy	10.24kWh	15.36kWh	20.48kWh	25.60kWh	30.72kWh
Max Power	5kW	8kW	12kW	16kW	20kW
Dimension (W/D/H)	700 / 370 / 643 mm	700 / 370 / 808 mm	700 / 370 / 973 mm	700 / 370 / 1138 mm	700 / 370 / 1303 mm
Weight	126kg	175.3kg	224.6kg	273.9kg	323.2kg
Voltage Range	192V to 230.4V	288V to 345.6V	384V to 460.8V	480V to 576V	576V to 691.2V
Rated Current	26A				
Rated Capacity	52Ah				
DOD	90%				
Operating Temperature	0°C to 50°C (Charge) -20°C to 55°C (Discharge)				
RTE	≥95%				
Battery Pack In Series	Maximum support 5 units in series				
Humidity	5% to 95% RH				
Cooling Method	Natural Cooling				
Installation	Floor Stacking Installation				
Communication Method	CAN2.0 / RS485				
Certification And Standards	IEC62619 / IEC60730 / UKCA / CE / UN38.3 / RoHS / Reach				
Protection Class	IP65				
Warranty	5 Years Product Warranty, 10 Years Battery Warranty				
Guaranteed Cycles	>6000				
Compatible Inverters	Growatt, SOFAR, Solar Edge, SUNGROW, GoodWe, Megarevo, etc.				

- When the temperature is below 0 °C or above 45°C, the performance will be limited.

- Test conditions: 0.2C Charging/Discharging, @25C, 80% DOD.

Information may be subject to change without notice during product improving.

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