

Stackable/Modular Energy Storage System Energon Home T

T-serial high voltage Li-ion battery System is designed to be stackable modules. 3~6 battery modules can achieve battery capacity from 15.36kWh to 30.72kWh. Special designed LFP cells make T-serial high voltage battery system more safe, higher efficiency, and better performance as powerful back-up energy for your home.

Features



Stackable design for easier installation



OTA and remote diagnosis



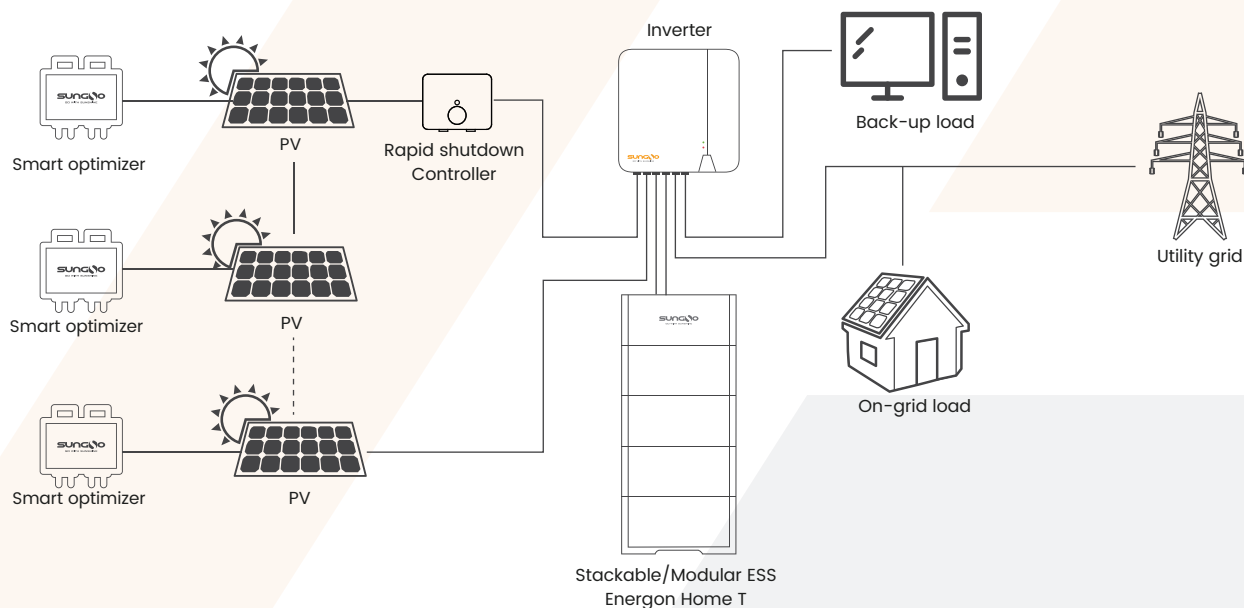
Real-time monitoring



Modular design for flexible combination

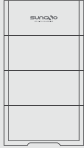


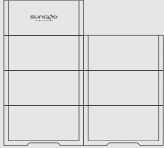


Marvelous ultrathin design language





Technical parameter

Model	Energon Home T			
	T15	T20	T25	T30
Combinations				
Battery parameters				
Cell type	LFP(LiFePO ₄)			
Cell capacity	100Ah			
Module parameters	T5: 51.2V/5.12kWh			
Rated voltage	153.6V	204.8V	256V	307.2V
Operation voltage range	136.8V~172.8V	182.4V~230.4V	228V~288V	273.6V~345.6V
System parameters				
Nos of modules	3	4	5	6
Operable capacity	15.36kWh	20.48kWh	25.6kWh	30.72kWh
Cell connection	48SIP	64SIP	80SIP	96SIP
Rated charge/discharge current	50A	50A	40A	33.3A
Rated charge/discharge power	7.68kW	10.24kW	10.24kW	10.24kW
Operation temperature range	Charge: 0~55°C/Discharge: -20~55°C			
Humidity	0~95% No condensation			
Max operation altitude	2000m			
Weight	175kg	225kg	275kg	325kg
Dimension (W*D*H)	874*170*1593mm	1748*170*1208mm	1748*170*1208mm	1748*170*1593mm
Communication with inverter	RS485			
Communication protocol	Modbus-RTU			
Protection	IP55			
Cycles	≥6000 @ 80%			
Cooling	Natural cooling			
Installation	Wall-mounting			
Standards	IEC62619 UN38.3 EN61000			