

Residential Energy Storage System (High Voltage & Stackable)

SOL-25-10HT



High Efficiency

Max. efficiency 94%



Easy installation

50 Kg Battery modules



Safety and Reliability

Lithium-ion phosphate
battery cells



System Integration

Integrated design, plug and
play, no compatibility issues

Product Introduction

-  Scalable from 20 kWh to 30 kWh
-  Self-Consumption Optimization
-  The motherboard intelligently ADAPTS to voltage
-  Integrated with inverter to avoid the compatibility problem
-  LFP battery, safest and long cycle life
-  Stackable design, effortlessly installation
-  High voltage solution makes higher conversion energy efficiency
-  Support 3 Phase Output

Battery Module

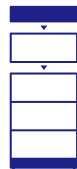
- 5.12 kWh per Module
- Modular and Stack Installation Design to simplify the maintenance
- Main board self-adjustable to voltage

Flexible, Efficient, Simple



Plug Connection

No Additional Wiring Required



Extend Anytime

Easily Adapts to New Requirements



High Power

Power for Every Application

Technical Parameters

Inverter	SOL10KH-T
Maximum PV Input Power	15kW
Rated PV Input Voltage	620V
MPPT Operating Voltage Range	200-950V
MPPT Quantity	2
Maximum PV Input Current	15A/15A
Rated AC Output Power (to Grid)	10kW
Nominal Input Voltage	3L/N/PE; 220/380V;230/400V;240/415V
Input Frequency	50/60Hz
Maximum Output Current to Grid	16.5A
Battery Voltage Range	135-750V
Max. Battery Charge/Discharge Current	25A/25A
Rated Output Power to Load	10kW
Rated Output Voltage to Load	3L/N/PE;220/380V;230/400V;240/415V
Maximum Output Current to Load	16.5A
Battery Parameters	
Usable Energy	25.6kWh
System Configuration	5 battery packs and 1 BMS box
Cell Type	Prismatic (LiFePO4)
Nominal Voltage	256V
Operation Voltage Range	224V~292V
Nominal Discharge/Charge Current	50A
Operation Temperature Range	Charge:0~50℃; Discharge: -10~50℃
Communication Interface	CAN/RS485
Weight	Approx.300Kg
Dimensions (W x D x H)	680*429*1470 mm
Ingress Protection	IP55
Round-Trip Efficiency	94%
Applications	Energy storage system/Power backup