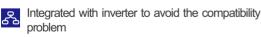
Residential Energy Storage System (High Voltage & Stackable) SOL-30-10HT



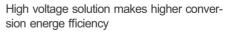


Product Introduction

- Scalable from 20 kWh to 30 kWh
- Self-Consumption Optimization
- The motherboard intelligently ADAPTS to voltage



- 5
- LFP battery, safest and long cycle life
 - Stackable design, effortlessly installation





Support 3 Phase Output

[4] 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

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Extend Anytime Easily Adapts to New Requirements

4	

High Power Power for Every Application

Technical Parameters		
Inverter	SOL10KH-T	
Maximum Photovoltaic Input Power	15KW	
Rated Photovoltaic DC Input Voltage	620V	
MPPT Operating Voltage Range	200-950V	
MPPT Quantity	2	
Maximum Photovoltaic Input Current	15A/15A	
Rated Output Power to Gird	10KW	
Rated Voltage	3L/N/PE; 220/380V;230/400V;240/415V	
Frequency of Grid	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 (kWh)	30.72	
Number of Modules	6	
Cell Type	LFP(LiFePO4)	
Nominal Voltage (V)	307.2	
Operating Voltage Range (V)	268.8~350.4	
Nominal Dis- / Charge Current (A)	50	
Operating Temperature Range ($^{\circ}$ C)	Charge:0~50℃; Discharge: -10~50℃	
Communication	CAN/RS485	
Weight (kg)	350±1	
Dimensions (W x D x H mm)	680*429*1680mm	
Ingress Protection Rating	IP55	
Round-Trip Efficiency	≥95%	
Applications	on/off-grid energy storage/off-grid power backup	
Compatible Inverters	PYLON, Sacolar, Deye, Growatt, Sofar, Voltronic, LUX, Schneider, Afore, Sinexcel, SUNGROW, Sorotec, GoodWe, KSTAR, Srne, Must, Megarevo, Sol-Ark, INVT, Aiswei, TBB, SAKO, Solis, SMA, Victron, SMK, BlueSun	

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