



TOPRUN ENERGY STORAGE SYSTEM

Smart Household Energy Storage

(5 K W / 5 k W h , 1 0 k W h)



Product Features



Low Carbon:

- Energy storage+PV, low carbon power consumption
- +Photovoltaic, off-grid parallel function



Safety:

- Triple protection holding
- LFP cell, the top cell
- Triple protection of battery pack, system



Flexibility:

- Three-phase power adjustable
- Intelligent design and multi-application expansion
- Supporting optical diesel storage micro-network (dry contact standby)



Humanistic:

- Battery "household appliance"
- Modular design, plug and play
- Cloud platform&mobile APP access, open API

Item	Smart Household Energy Storage	
System Type	Single phase system	Three phase system
Type of Module	5KW	10KW
Heat Dissipation	Self-cooling	
► Grid Connection Parameters at AC side		
Wiring Mode	L. N+PE	Three-phase+N-phase+PE
Rated Voltage	220Vac	380Vac
Output Current	21.7A	15.9A
Rated Frequency	50Hz/60Hz	
Power Factor	Output power, nominal input voltage and frequency ≥ 0.99 @ 50% ~ 100%	
► Battery Interface		
Voltage Range	40Vdc~58Vdc	125Vdc~600Vdc
Maximum Current	104A	100 A
Maximum Power	6KW	11KW
► PV Interface		
Input Voltage	500VDC (max)	1000VDC (max)
MPPT	125Vdc~500Vdc	125Vdc~850Vdc
Starting Voltage	125Vdc	
► Product Safety and Reliability		
Protection Class	IP54	
Insulation Strength	≥ 20M Ω, 1000Vdc	
Compressive strength	Leakage current ≤ 5mv, 1000Vdc	
► Battery Configuration		
Electricity quantity	5.12KWh~20.48kWh	15.6KWh~20.48kWh

All for the customer , Everything comes from quality.



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