

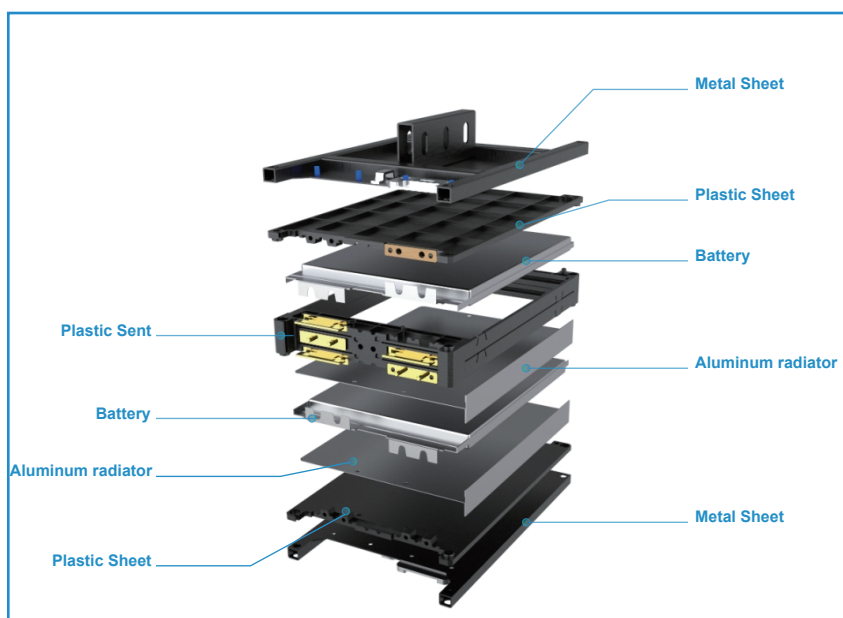
Residential ESS Battery Cabinet

TR10250 | TR20450 | TR30750 | TR40950

POWER BEYOND SOLAR



Features



● Excellent design

Top level electric and structure design
Silence enjoyment

● Reliability

Advanced lithium iron phosphate technology
First class battery contrl system

● Easy Installation

Modular design, fast transportation and installation
Easy to use

● Safety

Automotive industry safety standards

● Comprehensive service

Ten years warranty
One stop service

● Flexibility

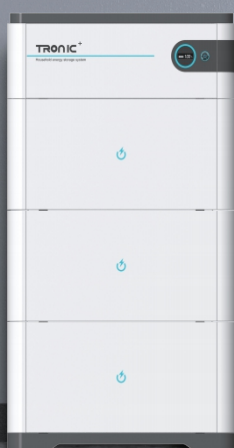
Modular structure which can from varieties of energy levels
Small size, convenient to maintain

Residential ESS Battery Cabinet

TR10250 | TR20450 | TR30750 | TR40950



Model	TR10250	TR20450	TR30750	TR40950
Battery Type	LiFePO4			
Battery Cabinet Configuration	1	2	3	4
Nominal Voltage	102.4V	204.8V	307.2V	409.6V
Nominal Capacity	50Ah			
Nominal Total Energy	5.12KWH	10.24KWH	15.36KWH	20.48KWH
Electrical Parameters				
Voltage Range	86.4~115.2V	172.8~230.4V	259.2~345.6V	345.6~460.8V
Standard Charging Current	25A@continue			
Max. Charging Current	50A@continue			
Standard Discharge Current	25A@continue			
Max. Discharging Current	50A@continue			
Mechanical Parameters				
Net Weight	~65Kg	~110Kg	~155Kg	~200Kg
Dimension (W*D*H)	697*196*581mm	697*196*909mm	697*196*1237mm	697*196*1565mm
Ingress Protection	IP65			
Cooling	Natural Cooling			
Operation Condition				
Environment Temperature	Charge:0℃~55℃/Discharge:-20℃~55℃/Storage:-10℃~30℃			
Operation Humidity	5~95%, RH			
Altitude	<2000m			
Mounting Type	Floor-mounted			
Design Life	>10years			



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