



LiFePO4 Battery

TK-500&720&1000&1500

- ✓ **Latest engineering internal design**
Rigorous structure, Top quality battery cell
- ✓ **Full bracket design**
Full space for each cell's best performance
- ✓ **Supports high current charging and multiple discharging**
Continuous 1C charging, 1C discharging



Smart BMS
Big Power 200A Smart BMS



Prismatic cell
Long lifespan in 15-20years



>6000
Cycle Life@25°C



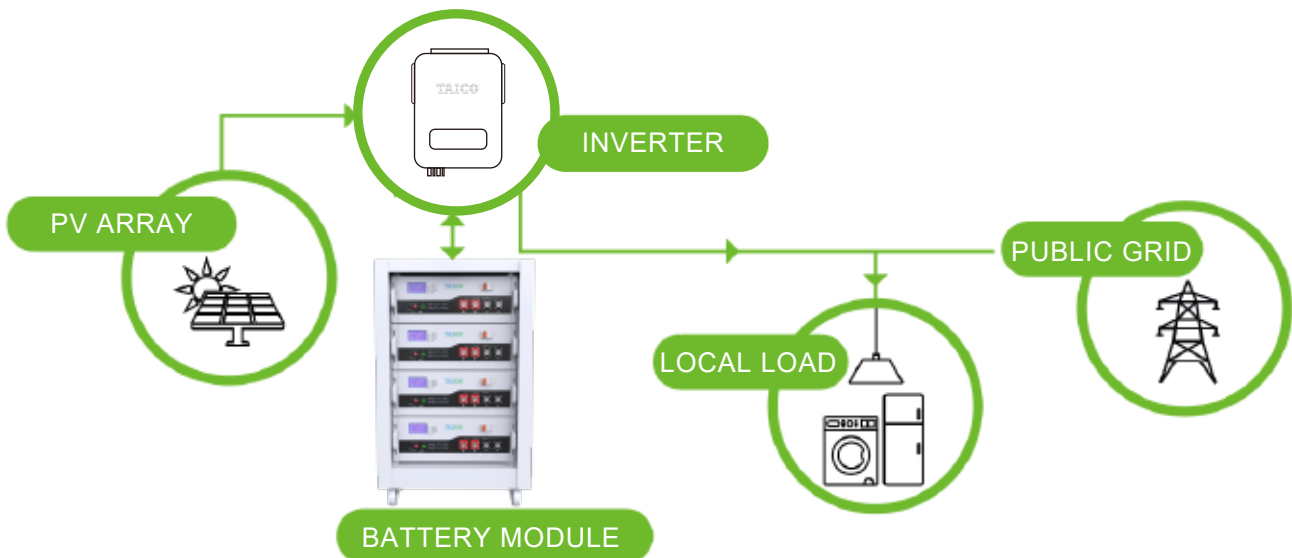
Voltage Balancing
Voltage balancing between battery cells & battery pack



Furniture cabinet design
More intelligent in style



Parallel
Max Support 16 Parallels



Application Schematic

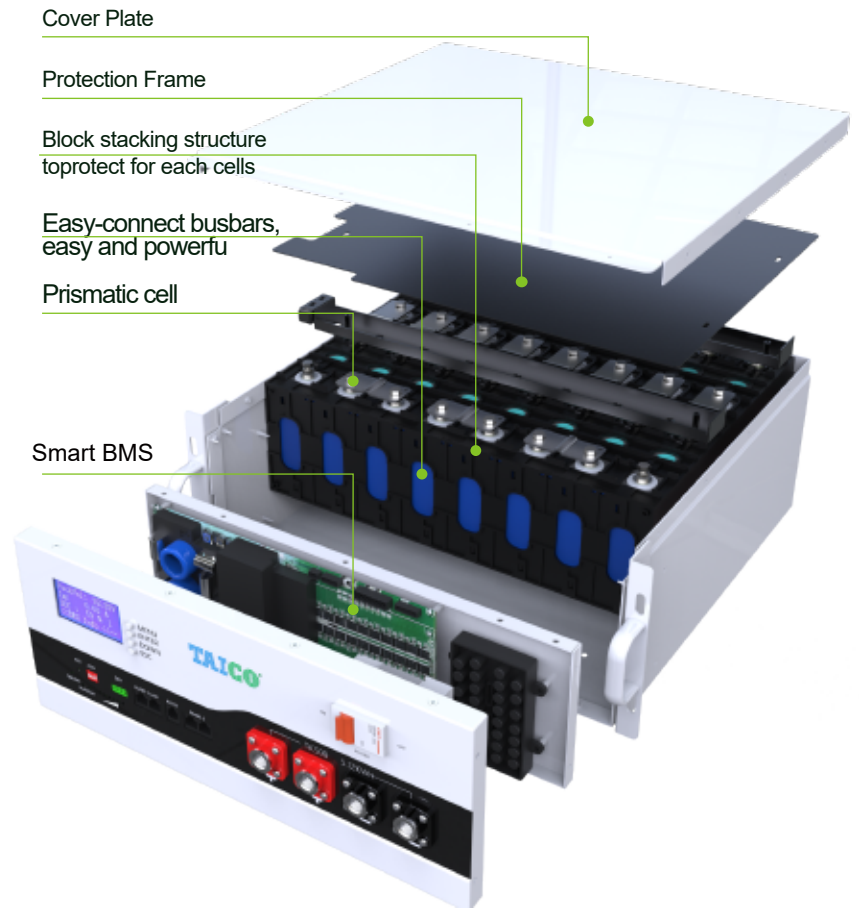
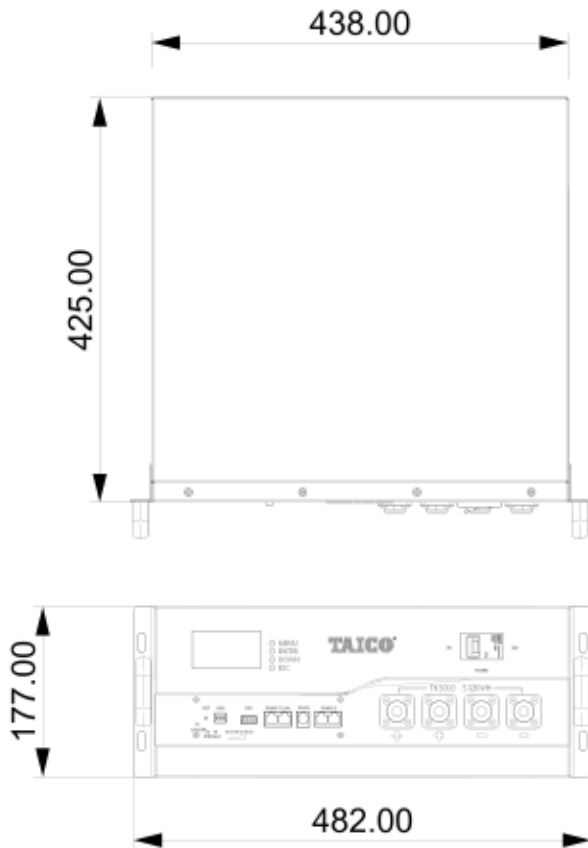


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2D Engineering Size and Details Show



Compatible Inverter Brands



Function Parameter

Product number	TK-500	TK-720	TK-1000	TK-1500
Norminal Battery Energy	5.12KWH	7.68KWH	10.24KWH	15.36KWH
Norminal Capacity	100Ah	150Ah	200Ah	300Ah
Norminal Voltage	51.2V	51.2V	51.2V	51.2V
Dimensions	482x425x177mm	482x500x280mm	482x500x280mm	482x700x280mm
Internal Resistance	≤30mΩ			
Cycle Life	>6000			
Months Self Discharge	<3%			
Charge Data				
DC Normal Charge Voltage	58.4±1Vdc			
Charge Mode	0.2C to 58.4V, then 58.4V,charge current to 0.02C (CC/CV)			
Recommended Charger Curren	≤50A			
Allowed Max. Charge Current	100A			
Charge Cut-off Voltage	57.6±1Vdc			
Discharge Data				
Continuous Discharge Current	100A			
Allowed Max. discharge current	100A			200A
Discharge cut-off voltage	40V			
Working Condition				
Charge Temperature	0°C to 45°C (32°F to 113°F)			
Discharge Temperature	-20°C to 60°C (-4°F to 140°F)			
Storage Temperature	0°C to 40°C (32°F to 104°F)			
Enclosure Protection Level	IP54			
Mechanical Data				
Cell&Capacity	100AH			
Cell type	Prismatic cell			
Shell material	Iron Rack Mount Case			
<div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;"> <p>TK-500</p>  </div> <div style="text-align: center;"> <p>TK-720</p>  </div> <div style="text-align: center;"> <p>TK-1000</p>  </div> <div style="text-align: center;"> <p>TK-1500</p>  </div> </div>				