



TAICO Flagship Battery

T-one 5000 / T-one 10000



Wifi Real-time control



Bluetooth monitoring



Smart BMS
Big Power 200A Smart BMS



Remote Monitoring
Self-developed APP



>6000
Cycle Life@25°C



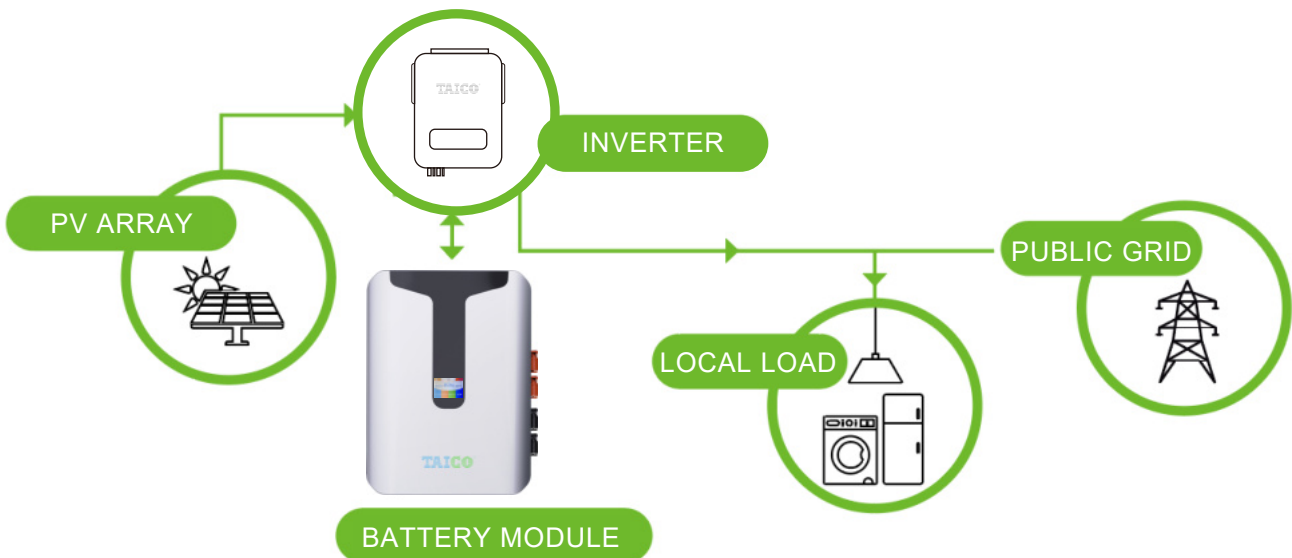
Interactive Touch Screen
Inverter communication:
touch screen to choose



Full Bracket Design
Full space for each
cell's best performance



Parallel
Max Support 32 Parallels



Application Schematic

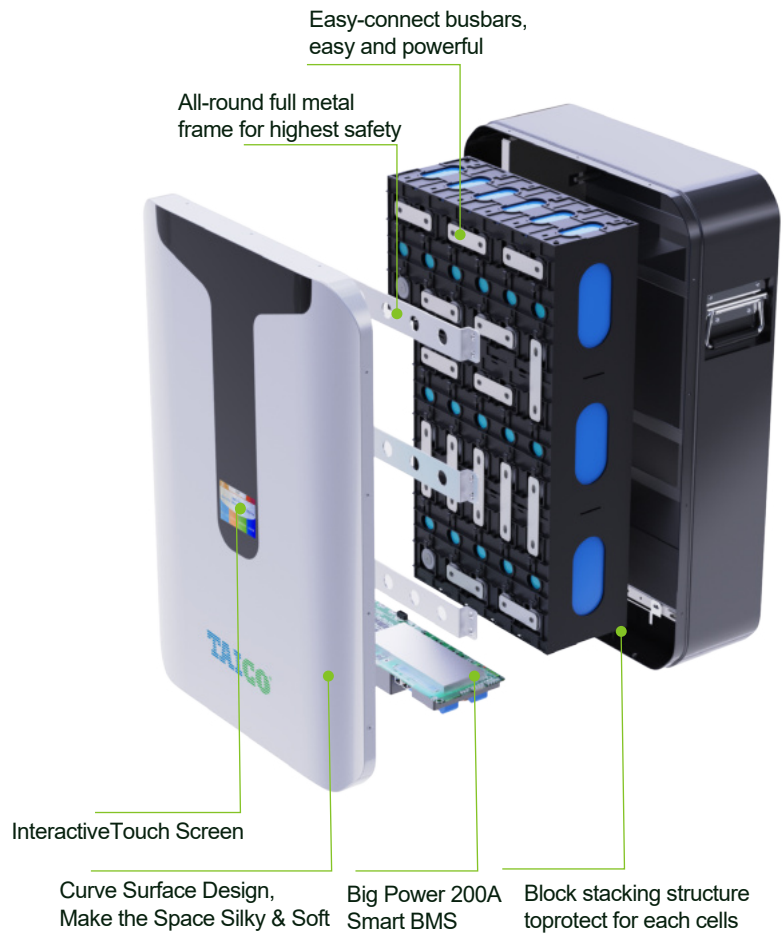
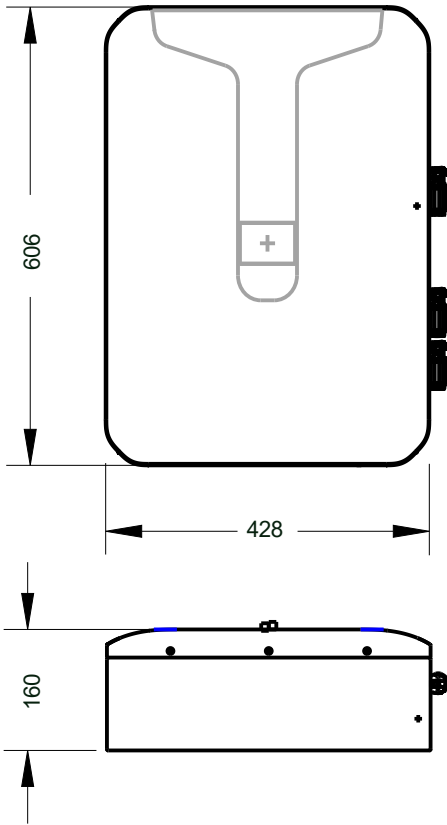


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2D Engineering Size and Internal Structure



Compatible Inverter Brands and Intergrated Cells Brands

Function Parameter

Product number	T-one 5000	T-one 10000
Norminal Battery Energy	5.12KWH	10.24KWH
Norminal Capacity	100Ah	200Ah
Norminal Voltage	51.2V	51.2V
Dimensions	606*428*160MM	774*534*160MM
Net Weight	45Kgs	85Kgs
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	50A	100A
Charge Cut-off Voltage	58.4±1Vdc	
Discharge Data		
Continuous Discharge Current	100A	
Allowed Max. discharge current	100A	200A
Discharge cut-off voltage	40V	40V
Working Condition		
Charge Temperature	0℃ to 45℃ (32℉ to 113℉)	
Discharge Temperature	-20℃ to 60℃ (-4℉ to 140℉)	
Storage Temperature	0℃ to 40℃ (32℉ to 104℉)	
Enclosure Protection Level	IP52	
Mechanical Data		
Cell&Capacity	LiFePO4 Battery	
Shell material	Iron shell	

Regular production

Support customization



Moonlight white



Sky blue



Vibrant orange



Retro blue



Space gray



Literary cool gray