



TAICO Flagship Battery

T-ONE-5000 & 10000 & 15000 & 16000



Wifi Real-time control



Bluetooth monitoring



Smart BMS
Big Power 200A Smart BMS



Remote Monitoring
Self-developed APP



>6000
Cycle Life@25°C



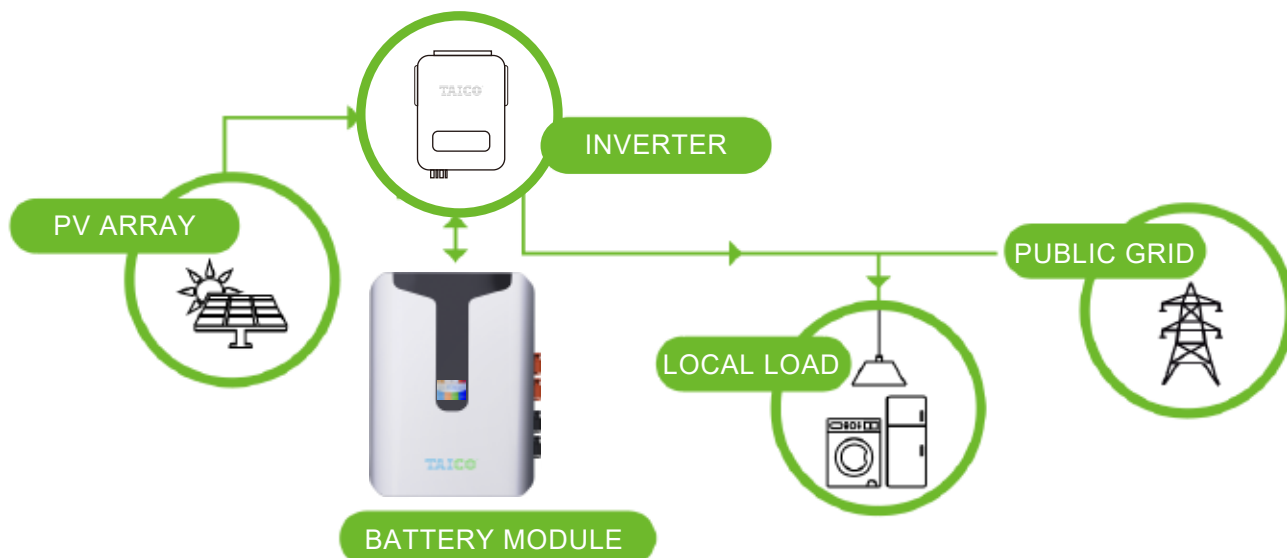
Interactive Touch Screen
Inverter communication:
touch screen to choose



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



Parallel
Max Support 32 Parallels



Application Schematic

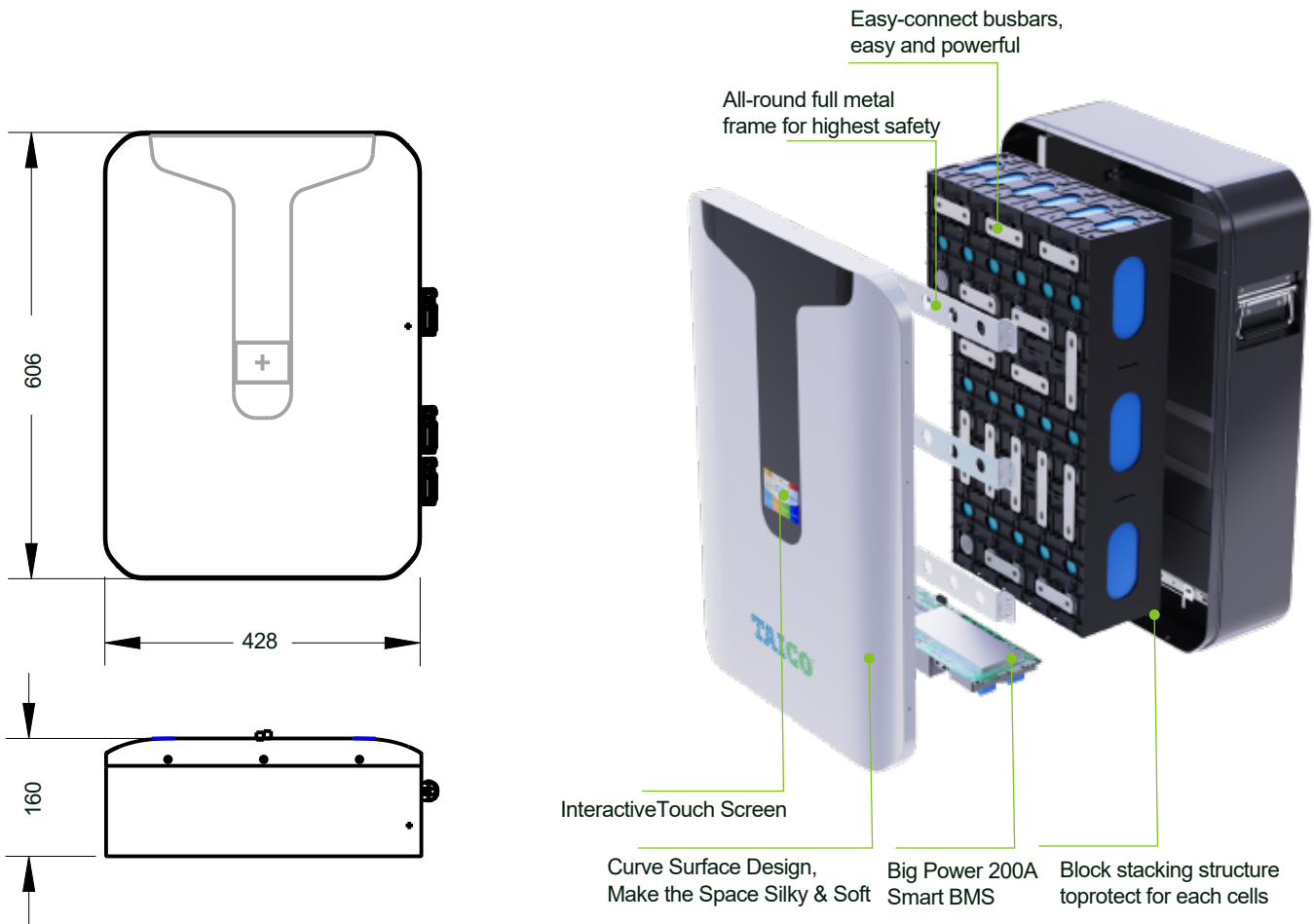


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2D Engineering Size and Internal Structure



Compatible Inverter Brands and Integrated Cells Brands



Function Parameter

Product number	T-ONE-5000	T-ONE-10000	T-ONE-15000	T-ONE-16000
Norminal Battery Energy	5.12KWH	10.24KWH	15.36KWH	16.38KWH
Norminal Capacity	100Ah	200Ah	300Ah	320Ah
Norminal Voltage	51.2V	51.2V	51.2V	51.2V
Dimensions (MM)	606*428*160	774*534*160	740*474*240	740*474*240
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			
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	IP54			
Mechanical Data				
Cell&Capacity	Prismatic cell			
Shell material	Iron shell			
Regular production Support customization   Moonlight white Sky blue Vibrant orange Retro blue Space gray Literary cool gray				

