



Wall Mounted LiFePO4 Battery

TKPW-2400/M5500/7500/8000

TKPW-5000/7680/10000



Smart BMS
Big Power 200A Smart BMS



Remote Monitoring
Self-developed APP



>6000
Cycle Life@25°C



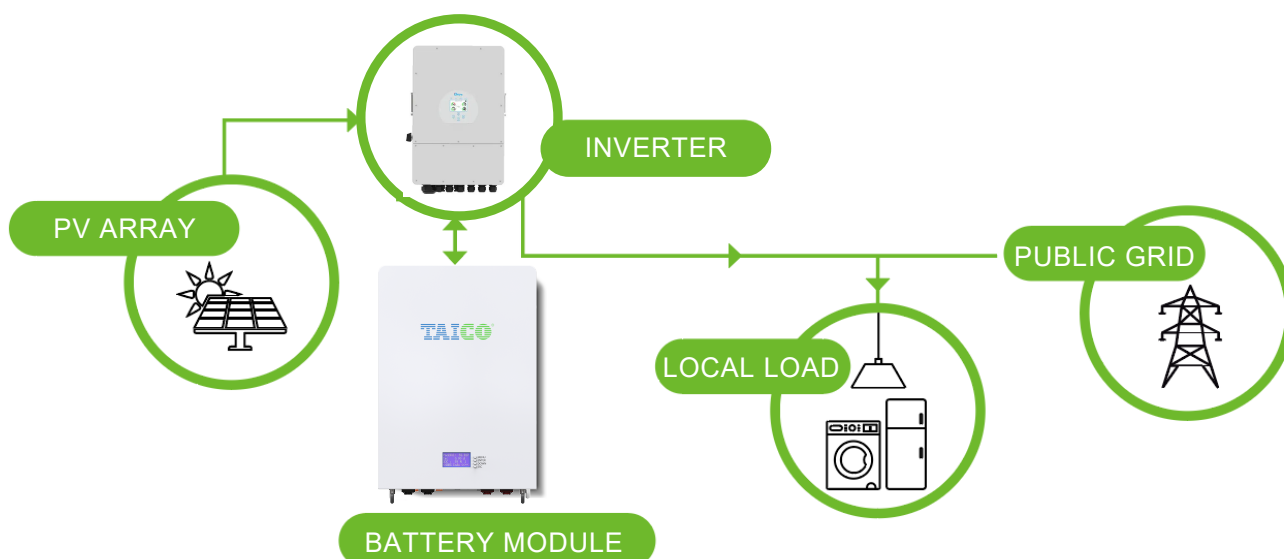
Interactive Touch Screen
Inverter communication:
touch screen to choose



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



Parallel
Max Support 32 Parallels



Application Schematic

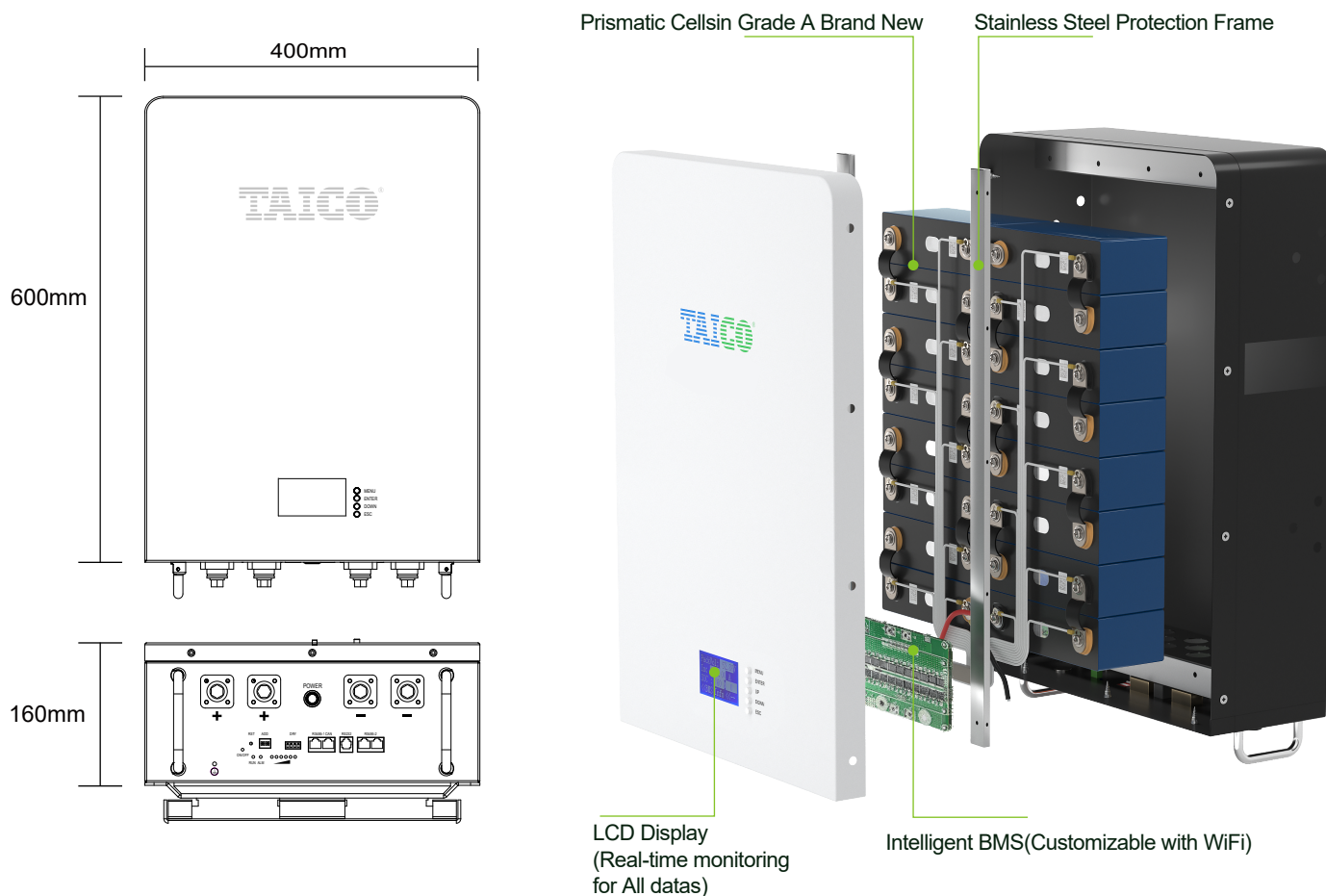


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2D Engineering Size and Internal Structure



Compatible Inverter Brands and Intergrated Cells Brands



Function Parameter

Product number	TKPW-2400	TKPW-M5500	TKPW-7500	TKPW-8000	TKPW-5000	TKPW-7680	TKPW-10000
Norminal Battery Energy	2.56KWH	5.12KWH	7.68KWH	8.038KWH	5.12KWH	7.68KWH	10.24KWH
Norminal Capacity	100Ah	200AH	300AH	314Ah	100Ah	150AH	200Ah
Norminal Voltage	25.6V				51.2V		
Dimensions(mm)	520x360x150	430x430x240	520x400x240		600x400x160	600x420x240	
Internal Resistance	≤30mΩ						
Cycle Life	>6000						
Months Self Discharge	<3%						
Charge Data							
DC Normal Charge Voltage	29.2+1Vdc				58.4±1Vdc		
Charge Mode	0.2C to 29.2V, then 29.2V, charge current to 0.02C (CC/CV)				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	29.2+1Vdc				58.4±1Vdc		
Discharge Data							
Continuous Discharge Current	100A						
Allowed Max. discharge current	100A	200A			100A		200A
Discharge cut-off voltage	21V				42V		
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	LiFePO4 Battery						
Shell material	Iron shell						

TKPW-2400



TKPW-5000



TKPW-7680/10000



TKPW-7500/8000



TKPW-M5500

