

### TKPW5000 (LiFePO<sub>4</sub> 25.6V200Ah, 5120.0Wh)



- Safety in use
- Low self discharge rate
- Good high temperature performance High Cycle
- times and long service life
- High energy density and conversion efficiency Environmental Friendly,
- without any heavy metals Easy installation, easy BMS modbus protocol
- can communicate with the inverter



	Item	Specification
Electrical Characteristics	Nominal Voltage	25.6V
	Nominal Capacity	200Ah (C <sub>5</sub> , 25°C)
	Energy	5120Wh
	Internal Resistance	≤ 500mΩ
	Cycle Life	>3000 cycles
	Months Self Discharge	<3%
	Efficiency of Charge	100% @0.2C
	Efficiency of Discharge	96~99% @1C
Standard Charge	Charge Voltage	20V ± 0.2V
	Charge Mode	0.2C to 58.4V, then 58.4, charge current 0.02C(CC/CV)
	Charger Current	50A
	Max. Charge Current	100A
	Charge Cut-off Voltage	29.2V ± 0.2V
Standard Discharge	Continuous Current	100A
	Max. Pulse Current	150A (<3s)
	Discharge Cut-off Voltage	20V
Environmental	Charge Temperature	0°C to 45°C (32F to 113F) @60±25% Relative Humidity
	Discharge Temperature	-20°C to 60°C (-4F to 140F) @60± 25% Relative Humidity
	Storage Temperature	0°C to 40°C (32F to 104F) @60± 25% Relative Humidity
	Water Dust Resistance	
Mechanical	Cell & Method	8S8P
	Plastic Case	standard case
	Dimensions (in./mm.)	570*360*140MM
	Weight (lbs./kg.)	47Kg
	Terminal	Energy storage connector
	Protocol (optional)	RS485/CAN
	BMS	8S100A

### Product Design

BMS



LiFePO<sub>4</sub> Cell Package



LiFePO<sub>4</sub> in Box



### SHEN ZHEN TAICO TECHNOLOGY CO., LTD

- Add: 2F Building 6, Langkou Industrial Park, Longhua New District, Shenzhen China 518000
- Tel: 86-755-29822748 Fax: 86-755-29822462
- E-mail: [lay@taicopower.com](mailto:lay@taicopower.com)
- Website: [www.taicopower.com](http://www.taicopower.com)