

# TAICO LIFEPO4 BATTERY PACK

STANDARD SIZE FREE COMBINATION



Safety and environmental protection



Complete certification



6000 cycles



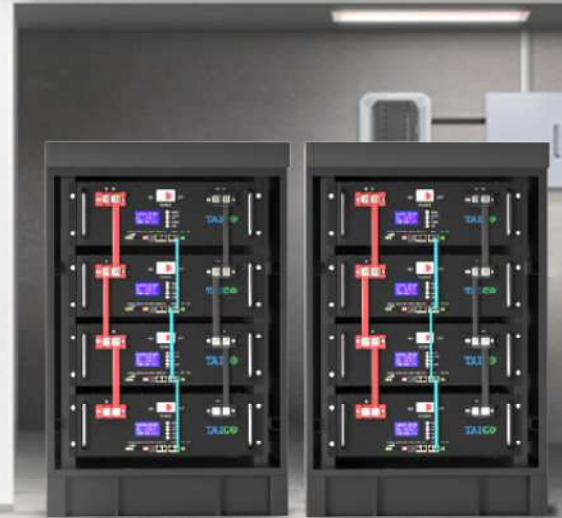
plug and play



Ultra thin



BMS



## 19' Rack Mounted LiFePO4 Battery

K Rack series is the ideal solution for residential & industrial storage systems with standard 19" rack, 51.2V and all capacities available, multiple advantages, as here:



- ✓ 1. Grade A Prismatic Cells with 6000 Cycles;
- ✓ 2. Rack Mountable and Support for Max 6-8 Parallels;
- ✓ 3. RS485 & CANBus Communication, with most branding Inverters;
- ✓ 4. LCD Monitoring plus pre-charge resistor to prevent BMS damage;
- ✓ 5. Long Lasting: 15-20 year Design Life and 5 Years TAICO Factory Warranty.
- ✓ 6. Smart built-In BMS: full protections on LFP battery, with high/low temp cutoff

Website: [www.TaicoPower.com](http://www.TaicoPower.com)

# Parameter

Model Number	TS2400	TK2000	TK3000	TS5000	TK7200	TK10000
Norminal Battery Energy	2.40KWH	2.56KWH	3.84KWH	5.12KWH	7.68KWH	10.24KWH
Norminal Capacity	50Ah	50Ah	75Ah	100Ah	150Ah	200Ah
Norminal Voltage	48V	51.2V	51.2V	51.2V	51.2V	51.2V
Dimensions (mm)	2U 482x410x89	3U 482x350x132	3U 482x350x132	4U 482x400x177	5U 482x430x222	6U 482x500x280
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 Current <20A

Allowed Max.Charge Current 25A 50A

Charge Cut-off Voltage 54.7±1Vdc 58.4±1Vdc

## Discharge Data

Continuous Discharge Current 25A 50A

Allowed Max. discharge current 50A 100A

Discharge cut-off voltage 38V 40V

## Working Condition

Charge Temperature 0°C to 45°C (32°F to 113°F)

Discharge Temperature -20°C to 60°C(4°F to140°F)

Storage Temperature 0°C to 40°C(32°F to 104°F)

Enclosure Protection Level IP54

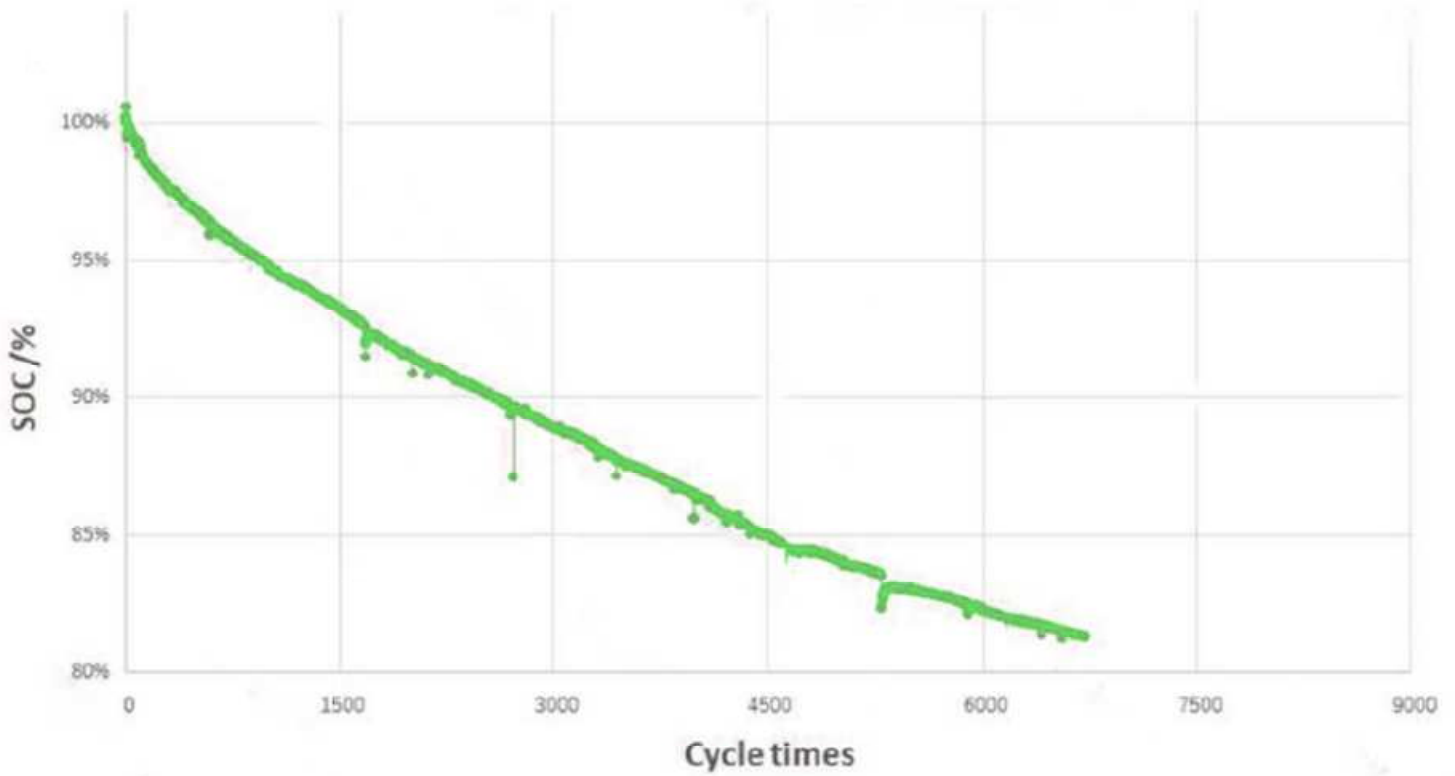
## Mechanical Data

Cell&Capacity 25AH&50AH 25AH&75AH 50AH&100AH 50AH&150AH 50AH&100AH

Case material Iron Rack Mount Case



# LiFePO4 battery with 6000+ cycles



## Match Hybrid Inverters

