



## BMS-Equipped Lithium Battery Storage for Residential and Commercial Applications

### Our Product Introduction

#### Basic Information

- Place of Origin: China
- Brand Name: TP
- Certification: CE
- Model Number: L130
- Minimum Order Quantity: 10 units
- Price: consult prices online
- Packaging Details: consult online
- Payment Terms: T/T



SK-Li-Power 130Ah Power Wall Lithium Battery with BYD Blade Cells 8000 Cycles

#### Product Specification

- Battery Voltage: 51.2V
- Usable Energy: 5990Wh
- Max Charge Current: 100A Continuous, 150A Pulse (1 Second)
- Cycle Life: >8000 Cycles
- Communication: CAN, RS485
- Protection: Overcharge, Over-discharge, Overcurrent, Short-circuit, Over-temperature Protection
- Highlight: **residential lithium battery storage ,  
residential commercial energy solutions,  
commercial lithium battery storage**

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## Product Description

### BMS-Equipped Lithium Battery Storage for Residential and Commercial Applications



#### Main Features

- Bluetooth built inside for easy monitor.
- LED with RGB light display.
- 100A smart BMS matched well with solar system.
- 8000 cycles, 10 years warranty, 15+ years life design.
- Original 48V200AH/300AH BYD blade LiFePO4 cells, super safety.
- Integrated with multiple communication protocols for 10+ brands of inverters.

#### Product Description:

The SK-51.2V130Ah LiFePO4 battery is a highly efficient energy storage system, designed for superior safety and durability. With an impressive cycle life of over 8000 cycles and a service life of more than 10 years, this battery is equipped with advanced BMS (Battery Management System) to ensure maximum protection against overcharge, over-discharge, short circuit, and over-temperature conditions. The battery is scalable, allowing for parallel connections of 1 to 15 units, making it ideal for a wide range of residential, commercial, and industrial applications.

MODEL	SK-51.2V130Ah
SPECIFICATION	Li-Power51.2V130AH
Battery Type	LiFePO4
Total Energy	6656Wh
Usable Energy(80%DOD)	5990Wh
Voltage window	44.8 58.4V
Fast Charge Voltage	57.6V
Folat Charge Voltage	56.0V
Low DC Cut-off Voltage	46.8V
Max.continue discharge current	100A
Max.pulse discharge current	150A 1Sec.
Max.continue charge current	65A
Scalable	1~15 in parallel
Communication	CAN,RS485
Cycle life	>8000 Cycles@(+25°C,0.5C,90%DOD,60%EOL)
Terminal	M8
Storage temperature	0°C~30°C
Storage duration	6months at 25°C
Safety standard	UN38.3,MSDS
IP degree	IP20
PROTECTION	
Protection	Overcharge protection,Over discharge protection,Over current protection,Shortcircuit protection,Overtemperature protection

AMBIENT	
working Temperature	-10°C~+50°C
Humidity	0~95%(no condensation)
DIMENSION	
LXWXH(products size)mm	1090*685*120mm
LXWXH(package size)mm	1150*720*205mm (UN wooden cases)
Weight(NWKg)	78.6Kg
Weight(GWKg)	97.2Kg
20FT QTY(UNIT)	140

#### Application:

This battery system is suited for residential solar energy storage, industrial energy backup, and grid-connected systems, offering reliable energy support for home appliances, communication systems, and commercial power needs.

#### Shipping Methods

Supports global air and sea shipping.



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