

Stacked Battery Pack



- **Easy installation**
Stacked installation can be operated by one person;
 - **Strong scalability**
Expanded to 2~10 battery packs according to the matching inverter and actual usage;
 - **Passive balancing**
Balance battery voltage difference to extend battery pack life
- **Safety protection function**
Real-time monitoring of battery cell voltage, current and temperature, three-level fault warning and multiple software and hardware protection;
 - **Overcharge and over-discharge protection**
Internally use contactor switch, reliable switch; over-discharge system automatically cuts off power to reduce self-loss;
 - **High-precision acquisition**
Battery cell sampling accuracy $\pm 3\text{mv}$

Product Parameters	KY-51V100AH-01
Battery Cell	
Battery cell	Li-ion Lithium Iron Phosphate
Capacity (Ah)	100
Battery cell grouping method	1P16S
Battery parameters	
Rated voltage (V)	51.2
Rated capacity (A)	100
Rated energy (Wh)	5120
Discharge depth (%)	90
Working voltage range (V)	44.8~58.4
Rated current (A)	50
Battery PACK parameters	
Dimensions (W*H*D) (mm)	580*193*390
Communication method	SPI daisy chain
Operating temperature (°C)	Charging0~55 discharging-20~60
Storage temperature (°C)	0~45
Humidity (%)	0~95
Altitude (m)	< 2000