

Stackable Battery Pack



- **Light and convenient**
Home design, light weight
- **Easy installation**
Stackable installation, no external wiring required
- **Overcharge and over-discharge protection**
Internally uses contactor switch, reliable switch;Over-discharge system automatically cuts off power to reduce self-loss
- **Strong scalability**
Maximum number of strings up to 10 can be flexibly adjusted
- **Comprehensive safety protection functions**
Real-time monitoring of battery cell voltage, current and temperature, three-level fault warning and multiple software and hardware protections
- **Accurate power calculation**
high-precision current aampling devices and SOC algorithm;static and dynamic calibrations and ampere-hour integration method

Product Parameters		KY-51V048AH-00	
Battery cell			
Battery cell type	Li-ion（LFP）	Lithium Iron Phosphate	
Capacity(Ah)		24	
Number of Cell Strings		2P16S	
Battery PACK parameters			
Rated voltage (V)		51.2	
Rated capacity (A)		48	
Rated energy (Wh)		2458	
Depth of discharge (%)		90	
Maximum voltage (V)		58.4	
Rated current (A)		25	
Dimension（W*H*D）(mm)		510*152*390	
Battery BCU parameters			
Start voltage (V)		80	
System maximum voltage (V)		600	
Maximum current (A)		40	
Dimension（W*H*D）(mm)		510*135*390	
Basic parameters			
Communication method		CAN	
Protection level		IP65	
Operating temperature (°C)	Charging0~55	Discharging-20~60	
Storage temperature (°C)		0~45	
Humidity (%)		0-95	
Altitude (m)		< 2000	