

# Battery Pack (Cabinet)

Suitable for household storage



- **Safe and reliable**  
Use lithium iron phosphate battery cells with high energy density
  - **Intelligent air cooling**  
Cooling air duct design to quickly reduce battery cell temperature
  - **Battery cell monitoring**  
Real-time monitoring of battery cell voltage and temperature, three-level protection automatic alarm and protection
- **Series use**  
Suitable for module series connection, can be stacked
  - **Maintenance switch**  
disconnect a single battery pack separately
  - **Electricity balancing control**  
Internal battery cells are passively balanced to reduce internal differences and extend life.

Product Parameters	KY-51V100AH-A00
Cell type	Li-ion (LFP)
Number of cell strings	16
Rated voltage (V)	51.2
Voltage range (V)	44.8-58.4
Rated capacity (Wh)	5120
Rated charge/discharge current (A)	50
Maximum charge/discharge current (A)	65
Communication method	CAN
Operating temperature (°C)	Charging0~55 Discharging-20~60
Storage temperature (°C)	0~45
Operating humidity (%)	0-95
Altitude (m)	< 2000
Protection level	IP21
Dimension(W*H*D)(mm)	550*165*640

Product Parameters	KY-BCMU45K-A01
Minimum starting voltage (V)	80
Maximum system voltage (V)	750
Maximum charging current (A)	65
Maximum discharge current (A)	65
Communication method	CAN、RS485
Dimension(W*H*D)(mm)	550*143*418
Protection level	IP21
Operating temperature (°C)	-20~60
Operating humidity	0-95
Altitude (m)	< 2000