

Battery Pack (Liquid cooling Cabinet Type)

Applicable to C&I Energy Storage Scenarios

Safe and Reliable

Using LFP battery, high energy density

Use in Series

Suitable for module series connection, can be stacked

Maintenance Switch

Achieve fast fuse and disconnection during maintenance

Battery Cell Monitoring

Battery cell voltage and temperature real-time monitoring, three-level protection, automatic

Power Balance Control

Passively balanced battery cells, reduce internal differences and extend battery life

High Security

Battery-level fire extinguishing sticker, water injection fire extinguishing

Battery Pack Parameters	KY-166V314AH
Cell Type	LFP
Number of cell string	52
Rated Voltage[V]	166.4
Working voltage range [V]	145.6~189.8
Energy Capacity[kWh]	52.25
Rated charge/discharge current [A]	157
Max. charge/discharge current [A]	187
Communication Method	CAN
Working Temperature [°C]	Charge 0~55 Discharge -20~60
Storage Temperature [°C]	0~45
Humidity [%]	0-95
Altitude [m]	<2000
Protection Grade	IP67
Dimensions(W*D*H)(mm)	810*1100*240

BCU Parameters	KY-BCMU250K-A02
Min.Starting Voltage (V)	250
Max. Voltage of The System (V)	1000
Max. Charging Current (A)	200
Max. Discharge Current (A)	200
Communication Method	CAN、RS485
Protection Grade	IP67
Working Temperature (°C)	-20~60
Working Humidity (%)	0-95
Altitude (m)	<4000
Dimensions(W*D*H)(mm)	466*551*255