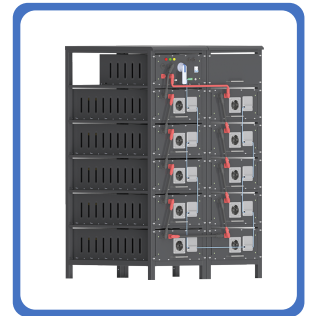


# FLYFINE



## Battery Cluster



### ► Customized Capacity

Single unit supports a customised storage capacity of up to 215kwh

### ► Wide Compatibility

Compatible with multiple brands of mainstream inverter use

### ► Fast Charging

Can be fully charged in 2 hours

### ► Cost-Effective

The best choice for small projects, industrial and commercial energy storage (factories, shopping malls)

### ► Intelligent Monitoring

Intelligent BMS and CBMU monitor battery operation status in real time

### ► Long Life

Safe, durable and cycle life up to 6500 cycles

Model	FBC-107520	FBC-125440	FBC-143360	FBC-161280
Nominal Voltage	384V	448V	512V	576V
Cell Model/Configuration	3.2V 280Ah(EVE)/120SIP	3.2V 280Ah(EVE)/140SIP	3.2V 280Ah(EVE)/160SIP	3.2V 280Ah(EVE)/180SIP
Capacity(Ah)	280AH			
Rated Energy(Kwh)	107.52Kwh	125.44Kwh	143.36Kwh	161.28Kwh
Weight(Approx)(KG)	820kg	960kg	1080kg	1200kg
Dimension(W/D/H)(mm)	1992*950*550mm	2250*950*550mm	1475*950*1100mm	1475*950*1100mm
Voltage Range(Vdc)	350 ~ 425V	410 ~ 495V	470 ~ 560V	520 ~ 640V
Max.Charge/Discharge Current(A)	140A /140A			
Maximum Number Of Parallel Connections	Up to 10 parallel			
Communication	RS485(B)-BAT RS485(A)-PC, Canbus-Inverter			
Cycle Life	≥6500 cycles@25°C, 90%DOD, 60%EOL			
Design Life	≥15 Years(25°C)			
Protection	BMS, Breaker			
Operating Temperature(°C)	Charge: -10°C ~ 50°C; Discharge: -20°C ~ 50°C			
Altitude (m)	≤2000			
Humidity	≤95%(Non-condensing)			
Certificates	UN38.3, MSDS, IEC62619, CE			

Model	FBC-179200	FBC-197120	FBC-215040
Nominal Voltage	640V	704V	768V
Cell Model/Configuration	3.2V 280Ah(EVE)/200SIP	3.2V 280Ah(EVE)/220SIP	3.2V 280Ah(EVE)/240SIP
Capacity(Ah)	280AH		
Rated Energy(Kwh)	179.2Kwh	197.12Kwh	215.04Kwh
Weight(Approx)(KG)	1350kg	1500kg	1650kg
Dimension(W/D/H)(mm)	1732*950*1100mm	1732*950*1100mm	1992*950*1100mm
Voltage Range(Vdc)	580 ~ 710V	640 ~ 770V	695 ~ 840V
Max.Charge/Discharge Current(A)	140A /140A		
Maximum Number Of Parallel Connections	Up to 10 parallel		
Communication	RS485(B)-BAT RS485(A)-PC, Canbus-Inverter		
Cycle Life	≥6500 cycles@25°C, 90%DOD, 60%EOL		
Design Life	≥15 Years(25°C)		
Protection	BMS, Breaker		
Operating Temperature(°C)	Charge: -10°C ~ 50°C; Discharge: -20°C ~ 50°C		
Altitude (m)	≤2000		
Humidity	≤95%(Non-condensing)		
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## Battery Cluster

