

# Li-Cube 4U Rack Mounted Lithium Iron Battery Pack

51.2V100Ah, 51.2V150Ah, 51.2V200Ah



## Main Features

-  4U rack mounted design.
-  With smart BMS system.
-  Flexible expansion, easy installation.
-  CATL cells, Superior safety and reliability.
-  Big discharge current, Compatible with solar inverter and energy system.
-  Optional for 3000 cycles cell or 6000 cycles cells.
-  CAN/RS485/RS232 communication optional.
-  Optional smart BMS can communicate with Different Brand of Hybrid Solar Inverter.



MODEL	Li-Cube51.2V100AH	Li-Cube51.2V150AH	Li-Cube51.2V200AH
Battery Type	LiFePO4		
Normal Battery Voltage(Vdc)	51.2V	51.2V	51.2V
Normal Capacity (25°C 0.2C) (WH)	5120WH	7680WH	10240WH
Folart Charge Voltage(Vdc)	56.0V	56.0V	56.0V
Operation Voltge range (Vdc)	44.8 ~ 57.6V	44.8 ~ 57.6V	44.8 ~ 57.6V
Max Continuous Discharge Current(A)	100A	150A	150A
Max Pulse Discharge Current(A)	200A 30 Sec.	200A 30 Sec.	200A 30 Sec.
Max Continuous Charge Current(A)	50A	75A	100A
Case design	4U		
Cycle life (25°C, 0.2C)	≧3000 Cycles (for 3 years warranty, 5 years life design) ≧6000 Cycles (for 5 years warranty, 10 years life design)		
Cell Equalizer Current(A)	1~5A Max.		
Terminal	M6		
Storage temperature	0°C ~ 30°C		
IP degree	IP 20		
Storage duration	6 months at 25°C		
Safety standard	UN38.3, IEC62619, CE		
Display	LCD display (Optional)		
Communication	CAN/RS485/RS232 (Optional)		
Communication in Connection	1PC BMS Control System support max. 32 modules in parallel or series connection. If connect more, can add more BMS system		
<b>PROTECTION</b>			
Protection	Overcharge protection, Overdischarge protection, Overcurrent protection, Shortcircuit protection, Overtemperature protection		
<b>AMBIENT</b>			
Working Temperature	-10°C ~ +50°C		
Humidity	0~95% ( no condensation)		
Sea Level(m)	≤1500		
<b>DIMENSION</b>			
L×W×H (products size)	575*440*176mm	575*440*176mm	575*440*176mm
L×W×H (package size)	624*552*240mm	624*552*240mm	624*552*240mm
Weight(NW Kg)	48kgs	57kgs	60kgs
Weight(GW Kg)	51kgs	59kgs	62kgs

Smart BMS supports communication with different brand of hybrid inverter