

Home Storage Battery

Economic Option

PowerCube™ 12.8V Series Lithium battery (LiFePO4) is a economic version for energy storage systems which is affordable and reliable. Comparing to tradition GEL or Lead-Acid Batteries, the lithium batteries are with much longer lifespan and much more numbers of cycle times. It is widely used in home storage, RV, Boat and other emergency backup power solutions.



More Life Cycle Times

4000+ times life cycle times at 90% DoD.



Ultra Low Self-consumption

Less than 2% monthly.



Integrated BMS Protections

Ensure the safety and efficiency.



Ultra Light Weighted

Easy installation and move comparing to Lead-Acid batteries.



More Depth Of Discharging

Up to 90%+ of DoD ensure the usable of capacity.



Longer Warranty Perion

Up to 5 years warranty as most Lead-Acid only have 1 year.

Model	PCBE-12100	PCBE-12150	PCBE-12200
Battery Type	12.8V/100AH, Lithium-LiPO4	12.8V/150AH, Lithium-LiPO4	12.8V/200AH, Lithium-LiPO4
Usable Energy(KWh)	1.15	1.73	2.3
Max Output Power(KW)	0.64	1.28	1.28
Peak Output Power(KW)	1.2, 3s	2.6, 3s	2.6, 3s
Round-Trip Efficiency	≥98%		
Nominal Voltage(V)	12.8		
Nominal Charge/ Discharge Current(A)	50	100	100
Operating Voltage Range(V)	11.2-14.4		
Dimension (W*H*D)	442*178*550	330*171*225	484*171*241
Net Weight(Kg)	11	15.8	21
Gross Weight(Kg)	12	16.8	22
Enclosure Protection Rating	IP 55		
Warranty	5 Years		
Cycles Life	> 4,000		
Ambient Temperature Range°C	-10-50		
Depth of Discharge	90%		
Certification&Safety Standard	UL1973/ IEC62619/UN38.3		
Scalability	Max.4 Pcs in Series		

