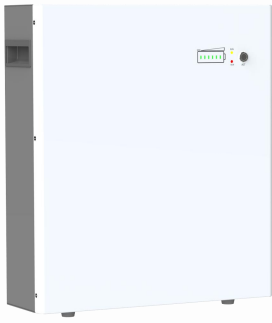


BPL Series 51.2V

LiFePo4 Energy Storage Battery Pack



Safety & Reliable

⇒ LiFePo4 prismatic atterycell,high safety Secured by integrated superior vehicle-level BMS

Easy Installation

⇒ Compact and light,quick installation and configuration ,Prefabricated and connectors for plug and play

More Usable Energy

⇒ 100% Depth of Discharge

Flexible Investment

⇒ Up to 15 units in parallel

Perfect Compatibility

⇒ Compatibility with Major PCS Brands

Technical Data:

Model	BPL5.1	BPL 10.2	BPL15.3
Perormance			
Cell technology	LFP (LiFePO4)		
Battery usable energy	5.12 kWh	10.24 kWh	15.36kWh
Nominal voltage	51.2 V		
Operating voltage	42.0 - 57.6 V		
Nominal output c urrent	100 A / 50 A	200 A / 100 A	300 A / 150 A
BMS protection current	110 A, 1 s	210 A, 1 s	310 A, 1 s
Communication			
Display	SOC status indicator, LED indicator		
Communication	CAN / RS485 / RS232		
General Specifcation			
Dimension(W*D*H)	520*450*155mm	790*530*155mm	860×160×906 mm
Weight	47 kg	86 kg	126 kg
Installation	Floor stand or Wall mounted		
Operating temperature	-20 to 60 °C (-4 to 140 °F)		
Environmental humidity	≤ 95%RH (No condensation)		
Protection rating	IP 21		
Cycle life	6000 Cycles @ 80% DOD / 25°C/0.3C		
Scalability	Max 15 batteries in parallel		
Application	ON Grid / ON Grid + Backup / Off Grid / UPS		
Standard Compliance			
Cerificates	Cell: UN38.3 / IEC62619 / UL 1642 / JET		
	Batter pack: UN38.3 / IEC62619 / IEC61000 / UKCA (More available upon request)		