

NEW PRODUCTS



5.12kWh/10.24kWh
Li-Pro 5120 / Li-Pro10240

BSLBATT Li-PRO Battery offers an option if you are looking for batteries to match your system. Comprehensive battery design and considering protection function makes sure our battery can have a perfectly performance while a long life time.

Li-PRO Battery is a 51.2V household battery based on LiFePO4, available in 5kWh / 10kWh capacities, with a maximum of 32 identical units in parallel, and superior IP65 protection.



Module design,
flexible expansion



Tier One, A+ LiFePO4
cell composition



Compact design,
space saving



Matching with leading
inverters



6000 cycles @ 80% DOD



Protection level: IP65

Item	General Parameter		
Model	Li-Pro 5120	Li-Pro 10240	
Battery Type	LiFePO4	LiFePO4	
Nominal Voltage (V)	51.2	51.2	
Nominal Capacity (wh)	5120	10240	
Usable Capacity (wh)	4608	9216	
Cell & Method	16S1P	16S1P	
Dimension(mm)(W*H*D)	660*450*145	760*530*190	
Weight(Kg)	50	90	
Discharge Voltage (V)	47		
Charge Voltage (V)	55		
Charge	Rate. Current / Power	50A / 2.56kW	100A / 5.12kW
	Max. Current / Power	80A / 4.096kW	160A / 8.192kW
	Peak Current / Power	110A / 5.632kW	210A / 10.752kW
Discharging	Rate. Current / Power	100A / 5.12kW	200A / 10.24kW
	Max. Current / Power	120A / 6.144kW, 1s	220A / 11.264kW, 1s
	Peak Current / Power	150A / 7.68kW, 1s	250A / 12.80kW, 1s
Communication	RS232, RS485, CAN, WIFI(Optional), Bluetooth(Optional)		
Depth Of Discharge(%)	90%		
Expansion	up to 32 units in parallel		
Working Temperature	Charge	0~55°C	
	Discharge	-20~55°C	
Storage Temperature	0~35°C		
Short Circuit Current /Duration Time	350A, Delay time 500μs		
Cooling Type	Nature		
Protection Level	IP65		
Monthly Self-discharge	≤ 3%/month		
Humidity	≤ 60% ROH		
Altitude(m)	< 4000		
Warranty	10 Years		
Design Life	> 15 Years (25°C / 77°F)		
Cycle Life	> 6000 cycles, 25°C		

Note: Customized models and adjusted parameters are available upon request.



Website



Tiktok



Youtube