



5.12kWh
Li-Pro 5120

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 capacities, with a maximum of 15 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 @ 90% DOD



Protection level: IP65

Item		General Parameter	
Model		Li-Pro 5120	
Battery Type		LiFePO4	
Nominal Voltage (V)		51.2	
Nominal Capacity (wh)		5120	
Usable Capacity (wh)		4864	
Cell & Method		16S1P	
Dimension(mm)(W*H*D)		660*450*145	
Weight(Kg)		50	
Discharge Voltage (V)		47	
Charge Voltage (V)		55	
Charge	Rated Current / Power	80A / 4.096kW	
	Peak Current / Power	110A / 5.632kW	
Discharge	Rated Current / Power	100A / 5.12kW	
	Max. Current / Power	120A / 6.144kW, 1s	
	Peak Current / Power	150A / 7.68kW, 1s	
Communication		RS232, RS485, CAN, WIFI, Bluetooth	
Depth Of Discharge(%)		95%	
Expansion		Up to 15 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	
Certification		UN38.3	

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



Website



Tiktok



Youtube