

NEW PRODUCTS



5.12kWh/10.30kWh/15.36kWh
Li-Pro 5120 / Li-Pro10240 / Li-Pro15360

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 / 15kWh 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

Specification

51.2V 5.12kWh/10.30kWh/15.36kWh Battery

Item		General Parameter		
		Li-Pro 5120	Li-Pro 10240	Li-Pro 15360
Model		Li-Pro 5120	Li-Pro 10240	Li-Pro 15360
Battery Type		LiFePO4	LiFePO4	LiFePO4
Nominal Voltage (V)		51.2	51.52	51.2
Nominal Capacity (wh)		5120	10304	15360
Usable Capacity (wh)		4864	9788	14592
Cell & Method		16S1P	16S1P	16S1P
Dimension(mm)(W*H*D)		660*450*145	760*530*190	830(898)*560*235 (With wheels)
Weight(Kg)		50	90	132 (With wheels : 138)
Discharge Voltage (V)		47		
Charge Voltage (V)		55		
Charge	Rate. Current / Power	40A / 2.56kW	80A / 5.12kW	80A / 5.12kW
	Max. Current / Power	80A / 4.096kW	160A / 8.192kW	160A / 8.192kW
	Peak Current / Power	110A / 5.632kW	210A / 10.752kW	210A / 10.752kW
Discharging	Rate. Current / Power	100A / 5.12kW	200A / 10.24kW	200A / 10.24kW
	Max. Current / Power	120A / 6.144kW, 1s	220A / 11.264kW, 1s	220A / 11.264kW, 1s
	Peak Current / Power	150A / 7.68kW, 1s	250A / 12.80kW, 1s	250A / 12.80kW, 1s
Communication		RS232, RS485, CAN, WIFI(Optional), Bluetooth(Optional)		
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		

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



Website



Tiktok



Youtube