

NEW PRODUCTS



10.30kWh
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 10kWh 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 10240	
Battery Type		LiFePO4	
Nominal Voltage (V)		51.2	
Nominal Capacity (wh)		10240	
Usable Capacity (wh)		9728	
Cell & Method		16S1P	
Dimension(mm)(W*H*D)		530*760*190	
Weight(Kg)		90	
Discharge Voltage (V)		47	
Charge Voltage (V)		55	
Charge	Rate. Current / Power	160A / 8.192kW	
	Peak Current / Power	210A / 10.752kW	
Discharge	Rate. Current / Power	200A / 10.24kW	
	Max. Current / Power	220A / 11.264kW, 1s	
	Peak Current / Power	250A / 12.80kW, 1s	
Communication		RS232, RS485, CAN, WIFI, Bluetooth	
Depth Of Discharge(%)		95%	
Expansion		Up to 15 units in parallel	
Working Temperature	Charge	0~55℃	
	Discharge	-20~55℃	
Storage Temperature		0~35℃	
Short Circuit Current /Duration Time		350A, Delay time 500μs	
Cooling Type		Nature	
Protection Level		IP65	
Heating Power(w)		140W	
Heating Start Temp. (F/C)		10℃/hour	
Fire Protection		Aerosol Fire Extinguisher	
Monthly Self-discharge		≤ 3%/month	
Humidity		≤ 60% ROH	
Altitude(m)		< 4000	
Warranty		10 Years	
Design Life		> 15 Years (25℃ / 77°F)	
Cycle Life		> 6000 cycles, 25℃	
Certification		UN38.3 / IEC62619 / IEC62040 / CE-EMC	

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