

NEW PRODUCTS



51.2V 314Ah 16.076kWh

BSLBATT Li-PRO Battery offers an option if you are looking for batteries to match your system. Comprehensive battery design and consideration of protection functions ensure our battery can perform perfectly while maintaining a long lifetime.

BSLBATT Li-PRO Battery is a 51.2V household battery based on LiFePO4, available in 16kWh 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



8000 cycles @ 90% DOD



Protection level: IP65

Specification

51.2V 314Ah 16.076kWh

Item	General Parameter	
Model	Li-Pro StyX	
Battery Type	LiFePO4	
Nominal Voltage (V)	51.2	
Nominal Capacity (wh)	16076	
Usable Capacity (wh)	15272	
Cell & Method	16S1P	
Dimension(mm)(W*H*D)	930*660*415	
Weight(Kg)	137	
Discharge Voltage (V)	47	
Charge Voltage (V)	55	
Charge	Rate. Current / Power	80A / 5.12kW
	Max. Current / Power	160A / 8.192kW
	Peak Current / Power	210A / 10.752kW
Discharging	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(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	> 8000 cycles, 25°C	

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