BSLBATT®
Best Solution Lithium Battery

Li-Pro SERIES

51.2V LiFePO4 Solar Wall Batteries

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 @ 100% DOD
- Protection level: IP65

Specification

Item			General Parameter
Model			Li-Pro 10240
Battery Type			LiFePO4
Nominal Voltage (V)			51.52
Nominal Capacity (wh)			10304
Usable Capacity (wh)			10304
Cell & Method			16S1P
Dimension(mm)(W*H*D)			760*530*190
Weight(Kg)			90
Discharge Voltage (V)			47
Charge Voltage (V)			55
Charge	Rate. Current / Power		100A / 5.12kW
	Max. Current / Power		200A / 8.192kW
Discharging	Rate. Current / Power		100A / 10.24kW
	Max. Current / Power		200A / 11.264kW, 1s
Communication			RS232, RS485, CAN, WIFI(Optional), Bluetooth(Optional)
Depth Of Discharge(%)			100%
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
Monthly Self-discharge			≤ 3%/month
Humidity			≤ 60% ROH
Altitude(m)			< 4000
Warranty			10 Years
Design Life			> 15 Years（25℃ / 77℉）
Cycle Life			> 6000 cycles, 25℃

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

Website Tiktok Youtube

Copyright @ 2024 BSL NEW ENERGY TECHNOLOGY CO., LTD. All rights reserved.