

Low-voltage Stackable Lithium Iron Battery

B-PRO-51.2V200AH/300AH/400AH/500AH



B-PRO low-voltage stackable energy storage system provides flexible expansion from 10.24kWh to 25.6kWh capacity. High energy density LiFePO4 battery cells, with high-capacity and High power efficiency, ensuring superior performance and supplying robust power for residential and commercial usage.

15 Years
Design Life



MSDS



Grade A Cells with Over 6000 Times Cycle Life



Support 1-5 Battery Module Stacking



Compatible with Mainstream Inverters, Such as Deye, GoodWe, Growatt, etc



Intelligent BMS, Automatic Restoration and Maintenance-free



Easy Installation and Expansion with Modular and Stackable Design



Equipped with Pulleys, Can be Moved Flexibly and Conveniently



10 Years warranty, 15 Years lifespan



Lifetime Technical Support

ADVANTAGES-FEATURES

ONESUN

www.onesunpv.com

Technical Data

Model	B-PRO-51.2V200AH	B-PRO-51.2V300AH	B-PRO-51.2V400AH	B-PRO-51.2V500AH
Cell Type	LiFePO4			
Nominal Voltage	51.2V			
Nominal Capacity	200AH	300AH	400AH	500AH
End-of-charge Voltage	58.4V			
End-of-discharge Voltage	40.0V			
Rated Charge Current	100A	150A	200A	250A
Max. Charge Current	200A	300A	400A	500A
Rated Discharge Current	100A	150A	200A	250A
Max. Discharge Current	200A	300A	400A	500A
Max. Peak Current	300A	400A	500A	600A
Operating Temperature	Charging: -10°C~50°C Discharging: -25°C~60°C			
Cycle Life	≥6000 times, 25°C/77°F, 80%DOD			
Protection	Over-charge, Over-discharge, Over-current, Short-circuit, Over-voltage, Under-voltage, Over-high/low temperature			
Communication Mode	RS485 / CAN / Bluetooth			
Communication Interface	RJ45			
Charge / Discharge Interface	M8 Terminal			
Shell Material	Metal			
Shell Color	White			
Dimensions	565*460*360mm	565*460*540mm	565*460*720mm	565*460*900mm
Net Weight	Approx.92kg	Approx.138kg	Approx.184kg	Approx.240kg