

MAVERICKS LITHIUM BATTERY 51.2V



**5 YEAR
WARRANTY**

Product Description

- ★ Digital monitoring system APP
- ★ Reliable LiFePO4 cells
- ★ Natural cooling system
- ★ High inverter compatibility
- ★ CAN bus standard connection
- ★ IP20

Product Features



Over Charge
Protection



Over Voltage
Protection



Over Current
Protection



Recycling



Low Self-Discharge



Stable
Performance

LITHIUM BATTERY

Technical Specifications:

Model	2.0 PRO - 51.2V 100Ah	3.0 PRO - 51.2V 200Ah	4.0 PRO / Signature Edition 51.2V 314Ah
General Parameters			
Nominal voltage	51.2V		
Battery voltage range	43.2-57.6V		
Nominal capacity	100Ah	200Ah	314Ah
Rated energy	5.12kWh	10.24kWh	16.07kWh
Standard charge/discharge current	0.5C	0.5C	0.5C
Max. charge/discharge current	1C	1C	1C
Communication interface	CAN/RS485		
Self-discharge	≤ 3% /month		
Protection	Over voltage & Under voltage/Over current/Short-circuit/Over temperature & Under temperature protection etc.		
System Parameters			
IP rating	IP20		
Cooling	Natural		
Cycle life	25±2℃, 0.5C/0.5C, DoD90% ≥ 6000		25±2℃, 0.5C/0.5C, DoD90% ≥ 8000
Environment			
Working temperature range	Charge: 0℃ ~60℃ Discharge: -20℃ ~60℃		
Altitude	0~ 4000m （Derating over 2000m）		