

Wall Mounted Lithium Iron Battery

W-PRO-24V200AH

W-PRO-51.2V100AH/200AH



W-PRO series is specially designed for residential energy storage, stylish and simple in appearance, good compatibility, easy installation and easy expansion. Intelligent battery management system, all-round monitoring of battery pack system status, multiple protections.



MSDS

ADVANTAGES-FEATURES



A-grade LiFePO4 Cells from Top 5 Brands



Cycle Life: ≥ 6000 Times @ 80% DoD



SOC Estimation, Intelligent Balance, Sleep and Wake-up Function



Compatible with Mainstream Inverters



Intelligent BMS, Automatic Restoration and Maintenance-free



Support GPS Positioning



Parallel and Series: Parallel Max 16 Units, Series Max 4 Units



10 Years Warranty, 15 Years Lifespan



Lifetime Technical Support

ONESUN

www.onesunpv.com

Technical Data

Model	W-PRO-24V200AH	W-PRO-W51.2V100AH	W-PRO-W51.2V200AH
Cell Type	LiFePO4		
Nominal Capacity	200AH	100AH	200AH
Energy	4.8KWH	5.12KWH	196AH
Nominal Voltage	25.6V	51.2V	
End-of-charge Voltage	29.2V	58.0V	
End-of-discharge Voltage	20.0V	40.0V	
Max. Charge Current	100A/200A	50A/100A	100A/200A
Max. Contineous Discharge Current	200A	100A	200A
Max. Instantaneous Discharge Current	100A	200A	200A
Overcurrent Protection	120A		120A
Protection Function	Over-charge, Over-discharge, Over-current, Short-circuit, Over-voltage, Under-voltage, Over-high/low temperature		
SOC estimation	Yes		
Intelligent balance	Yes		
GPS positioning	Yes		
sleep and wake-up	Yes		
Communication Interface	RS485 / CAN / RS232 / BT (Optional)		
Operating Temperature	Charging: 0°C~50°C ; Discharging: -15°C~60°C		
Cycle Life	≥6000 Times & 80% DoD		
Storage Temperature	-5°C~35°C		
Storage Humidity	≤75% RH		
Standard Environmental Condition	Temperature: 25°C±2°C ; Humidity: 45%~75%RH ; Atmospheric Pressure: 86KPA~106KPA		
Discharge Connector	M8 Terminal / 2P-Terminal (Optional)		
Charge Connector	M8 Terminal / 2P-Terminal (Optional)		
Certification	CE/UN38.3		
Shell Material	Metal		
Shell Color	White (Optional)		
Size	567*393*154mm	567*393*154mm	870*465*145mm
Weight	Approx.50kg	Approx.49kg	Approx.94kg