

Standing Lithium Battery

PRO Series: S-25.6V314AH;S-51.2V280AH; S-51.2V314AH



S-PRO series is a long life, easy maintenance, high reliability, easy to move energy storage system. Fashion and simple appearance, good compatibility, easy installation, easy expansion. Intelligent battery management system, all-round monitoring battery pack system status, multiple protection.

- Long life, easy maintenance: multiple safety protection design; long life and intelligent BMS, world-class brand battery cell, to ensure long life; Modular components, easy to maintain;
- High compatibility: compatible with most brands of inverters on the market
- International certification: through the CE, UN international certification, quality assurance;
- Environmental protection: environmental protection and efficiency, ultra-low comprehensive electricity cost, stable power supply
- Easy to move: with 4 wheels, easy to move.
- 10 years warranty, >15 years design life



MSDS

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Technical Data

Model	S-25.6V314AH	S-51.2V280AH	S-51.2V314AH
Cell Type	LiFePO4		
Rated Capacity	314Ah	280Ah	314Ah
Energy	8.038kWh	14.336KWh	16.076KWh
Nominal Voltage	25.6V	51.2V	
End-of-charge Voltage	29.2V	58.0V	
End-of-discharge Voltage	20.2V	42V	
Rated Charge Current	100A		
MAX Continuous Discharge Current	100A		
MAX Instantaneous Discharge Current	200A		
Overcurrent Protection	157A	140A	157A
Ingress Protection	IP54		
Warranty	10 years		
Cycle Life	≥ 6000 Times @ SOH≥80% & 0.5C, 25°C		
SOC estimation	Yes		
Intelligent Balance	Yes		
Parallel Connection	Yes		
Sleep and Wake-up	Yes		
Protection Function	Over-charge, Over-discharge, Over-current, Short-circuit, Over-voltage, Under-voltage, Over-high/low temperature		
Communication Interface	RS485 / CAN / RS232 / BT (Optional)		
Communication protocol	Compatible with 12 popular inverter brands in the market		
Operating Temperature	Charging: 0°C~55°C ; Discharging: -20°C~55°C		
Storage Temperature	-30°C~60°C		
Storage Humidity	≤90% RH		
Standard Environmental Condition	Temperature: 25°C±2°C ; Humidity: 45%~75%RH ; Atmospheric Pressure: 86KPA~106KPA		
Size	500*260*400mm	500*260*870mm	
Net Weight	Approx. 68kg	Approx. 122kg	Approx. 129kg
Gross Weight	Approx.90kg	Approx.150kg	Approx.160kg
Certification	CE:IEC 61000-6-3:2021;IEC 61000-6-1:2019; IEC 61000-3-2:2009+A1:2021; EN61000-3-3:2013+A2:2021+AC:2022 UN38.3, MSDS		