



Wolfram-5000-BAT Battery



Key Features

- Safest LiFePO₄ battery with long lifespan
- Small size, light weight and high energy density, easy installation
- Easy installation and easy connection with inverter by plug-in
- All-metal design and heat sink without cooling fan (Passive cooling, good heat dissipation, Silent)
- Modular design can be applied to internal or external installation with different cases
- Capacity can be expanded by installation in parallel
- IP65 protection level
- Real-time monitoring on the voltage, current and temperature of battery cells by BMS
- Reliable balance management and life optimization of battery units
- Multi-level protection based on data monitoring
- Meeting the safety regulations of different countries

Technical Data	Wolfram-5000-BAT 10.24
Electrical Data	
Nominal Voltage	51.2V
Nominal Capacity	200Ah
Nominal Energy Capacity	10.24kWh
Usable Capacity	9.2kWh
Depth of Discharge (DoD)	90%
Operating Voltage Range	44.8 ~ 57.6V
Standard Charging Current	0.5C
Maximum Charging Continuous Current	0.7C
Standard Discharging Current	0.5C
Maximum Discharging Continuous Current	0.7C
General Data	
Battery Type	LFP (LiFePO ₄)
Dimensions (WxLxH)	700*242*1337mm
Weight	160kg
Operating Temperature Range (Charge)	0 ~ 55℃
Operating Temperature Range (Discharge)	-20 ~ 55℃
Storage Temperature Range	-20 ~ 55℃
Operating Relative humidity	20% ~ 80%
Operating altitude	<2000m
Communication	RS485 / CAN
Protection degree	IP65
Cycle Life	6000
Standard Warranty	5 years
Certifications	
Safety	IEC 62619, IEC 62040
EMC	EN 61000-6-1, EN 61000-6-3
Transportation	UN 38.3