



Wolfram-5000 Energy Storage System

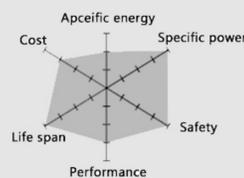
Special Features

- Modular Design
- Easy Installation
- Low and Easy Maintenance
- Long Lifespan
- Intelligent Remote Control
- Real-time Monitoring
- Light Load Threshold
- Fast Response
- Outdoor/Indoor
- UPS Ability



24/7 Internet Monitoring

Whole systems are designed to be monitored by internet or iOS/Android APP.



Optimal Chemical Formula

Li-phosphate is used for purpose of excellent function of safety and long lifespan.



About Amerisolar

Amerisolar, Worldwide Energy and Manufacturing USA Co., Ltd, is a worldwide leader in solar PV technology, with 28-year history of rich experiences in manufacturing of PV modules and other solar products since 1993. Amerisolar Wolfram serials have unique BMS (Battery Management System) and EMS(Energy Management System) technical advantages in global solar power markets.



System Specification	
Model	Wolfram-5000
Nominal Output Power	5000W
Capacity Range	10.24kWh
Battery Chemistry	LFP(LiFePO ₄)
IP Protection	IP20
Warranty	5 Year Product Warranty,10 Year Performance Warranty
Inverter Technical Specification	
Model	Wolfram-5000-INV
Max.PV Input Current	11A
Max.PV Input Voltage	600Vdc
MPPT Number	2
MPPT Voltage Range	125Vdc~550Vdc
Start-Up DC Voltage	100Vdc
Max.Charge/Discharge Current	50A
Max.Charge/Discharge Power	2500W
Rated Voltage	220/230/240V
Grid Voltage Range	90%~110% of rated voltage
Rated Frequency	50/60Hz
Phase	Single-Phase
Backup	UPS
HMI	LED/APP
Communication	RS485/WiFi/DRM/GPRS
Humidity	0%~90%(No Condensing)
Dimension(W×H×D)	480mm×420mm×185mm
Weight	25kg
Grid Regulation	VDE 0126-1-1
Safety	IEC 62109&IEC 62477
EMC	EN 61000-6-1, EN 61000-6-2, EN 61000-6-3, EN 61000-6-4
Battery Technical Specification	
Module Model	Wolfram-5000-BAT
Module Capacity	5.12kWh
Module Nominal Voltage	51.2V
Operating Temperature Range	-20℃~55℃
Module Weight	53kg
Module Dimension(W×H×D)	480mm×440mm×200mm
Cycle Life	≥6000
Max.Charge/Discharge Current	50A(0.5C)
Certificate	IEC 62619, IEC 62040-1, EN 61000-6-1, EN61000-6-3, UN 38.3

*When the temperature is below 0℃ or above 40℃,the performance will be limited.

Contact Us Today

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