



LITHIUM ION BATTERY

AOESS48V-LFP4100S



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ABOUT PRODUCTS

The lithium ion battery AOESS48V-LFP4100S adopts advanced LiFePO4 technology. The system is integrated with smart battery management system and monitor module to meet the unattended requirements, which is very suitable for the field of backup power supply, such as PV energy storage, Micro base station, UPS, etc.



PERFORMANCE ADVANTAGE



Modular & Scalable

Five installation methods, flexible expansion



Communication

CAN bus & RS485 communication



Safety

Using safe and eco-friendly LiFePO4 battery, with CE, UN38.3 certification



More Usable Energy

Support up to 163.8kwh configuration (32 pcs in parallel)



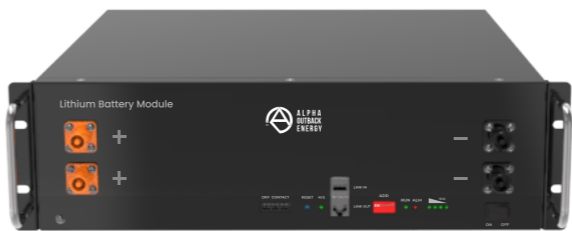
Maintenance free

Maintenance free, 6000+ cycle life, intelligent balance



Ultra-low consumption

With ultra-low consumption of BMS, self-discharge rate and capacity loss rate



SPECIFICATIONS

Model	AOESS48V-LFP4100S
Normal capacity	100 Ah
Nominal energy	5.12 KWh
Nominal voltage	51.2 V (LFP-16S)
Normal charge voltage	54.6~57.6V
Allowed MAX charge current	70A
Allowed MAX discharge current	100A
Recommended discharge current	≤50A
Communication	CAN/RS485
Cycle life	≥6000
Operating Temperature	Discharging: -20~50 C , Charging: 0~50 C
Operating Temperature (Heating model)	Discharging: -20~50 C , Charging: -20~50 C
Dimension	482*133.5*460mm
Weight (without accessories)	≈46Kg

