

LOW-VOLTAGE RESIDENTIAL BATTERY

AES-5KWH-G1

AES series batteries are low-voltage lithium batteries designed by Livod for household energy storage. The battery can be installed on the floor or on the wall, flexibly adapting to your installation environment. In order to meet the growing load demand, flexible expansion can meet your current and future energy needs.



Product Benefits

- ✔ Intelligent BMS with multiple protections
- ☔ IP65 supporting indoor and outdoor installation
- 🔋 Reliable performance: high efficiency and 90% DOD
- 🛡️ Double and robust mechanical protection
- 🔄 Long cycle life and safest prismatic LFP batteries
- 🔧 Easy and quick installation and expansion with modular design

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Model	AES-5kWh-G1
Cell Type	LFP
Nominal Voltage	51.2V
Operating Voltage Range	40.0 - 58.4V
Nominal Capacity	100Ah
Nominal Energy	5.12kWh
Depth of Discharge	90%
Dimension(W*H*D)	560*586*190mm
Weight	56kg
Max. Charge/Discharge Current	85A / 100A
Operating Temperature	Charge: 0°C~60°C; Discharge: -20°C~60°C
Operating Humidity	5% - 95%
Storage Temperature	-20°C to +60°C
Operating Altitude	< 4000m
Communication	RS485 / CAN
Scalability	Up to 6 Modules / 30kWh
Cooling Type	Natural
Ingress Protection	IP65
Cycle Life	6000 Cycles[1]
Authentication Level	IEC62619, CE, UN38.3, IEC61000

[1]: Test conditions: 0.5C Charge/0.5C Discharge, @25°C, 90% DOD, 70% EOL