



Low Voltage Battery

# AS-5.12~30.72LD-GL1

「5.12/10.24/15.36/20.48/25.6/30.72kWh」

## Features

**Stable Performance**  
Lithium iron phosphate (LiFePO4) battery

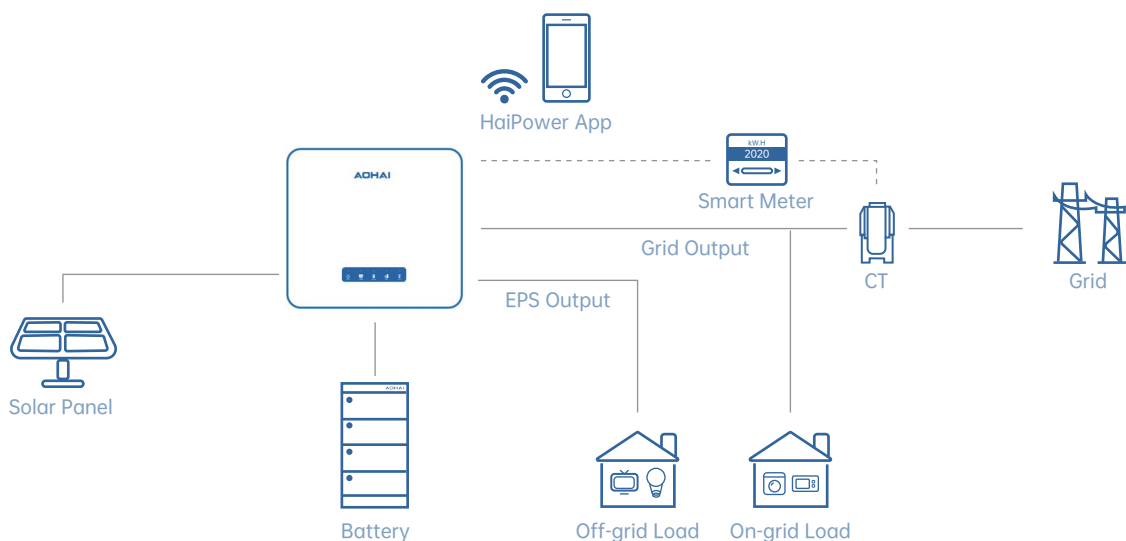
**Flexible Expansion**  
Max. 6 layers in series to meet diverse energy needs

**Higher Extendibility**  
Multiple interfaces ready for further function extension

**Modular & Stackable Design**  
Easy for capacity expansion and transportation

**Superior Protection**  
IP65 batteries ideal for demanding environments

## Energy Storage Solution



# Specifications

## Model

AS-5.12LD-GL1 AS-10.24LD-GL1 AS-15.36LD-GL1 AS-20.48LD-GL1 AS-25.6LD-GL1 AS-30.72LD-GL1

### Technical Data

Number of layers	1 layer	2 layers	3 layers	4 layers	5 layers	6 layers
Energy	5.12kWh	10.24kWh	15.36kWh	20.48kWh	25.6kWh	30.72kWh
Operating Voltage Range	43.2V~56.16V					
Recommend Charge Current	50A					
Max.Continuous Charge Current	100A					
Max.Continuous Discharge Current	100A					

### Battery Parameter

Operating Temperature Range	-20°C ~ 55°C					
Environment	Indoor					
Humidity	5% ~ 95%					
Cooling	Natural cooling					
Cell Technology	Lithium-iron phosphate (LiFePO4)					
Life Cycle	6000 times @80%DOD					
Protection Rating	IP65					
Certificate	CB, IEC62619, UL1973, UL9540A, UKCA, CE-EMC, CE-GPDS, EN62619; UN38.3, MSDS					
Display	LED display					
Communication	RS485 / CAN					

### Mechanical Data

Dimension (W*H*D)	600*440*210mm	600*740*210mm	600*1040*210mm	600*1340*210mm	600*1640*210mm	600*1940*210mm
Weight	71kg	119kg	167kg	215kg	263kg	311kg

### Single Module Specification

Dimension (W*H*D)	5.12kWh					
Battery Net Weight	Battery Module: 600*300*210mm					
Battery Gross Weight	48kg					