

High Voltage Battery

AS-7.68~25.6HD-GL1

「7.68/10.24/12.8/15.36/17.92/20.48/23.04/25.6kWh」



Features



Stable Performance

Lithium iron phosphate (LiFePO4) battery



Flexible Expansion

Max. 10 layers in series for capacity expansion



Higher Extendibility

Multiple interfaces ready for further function extension



Modular & Stackable Design

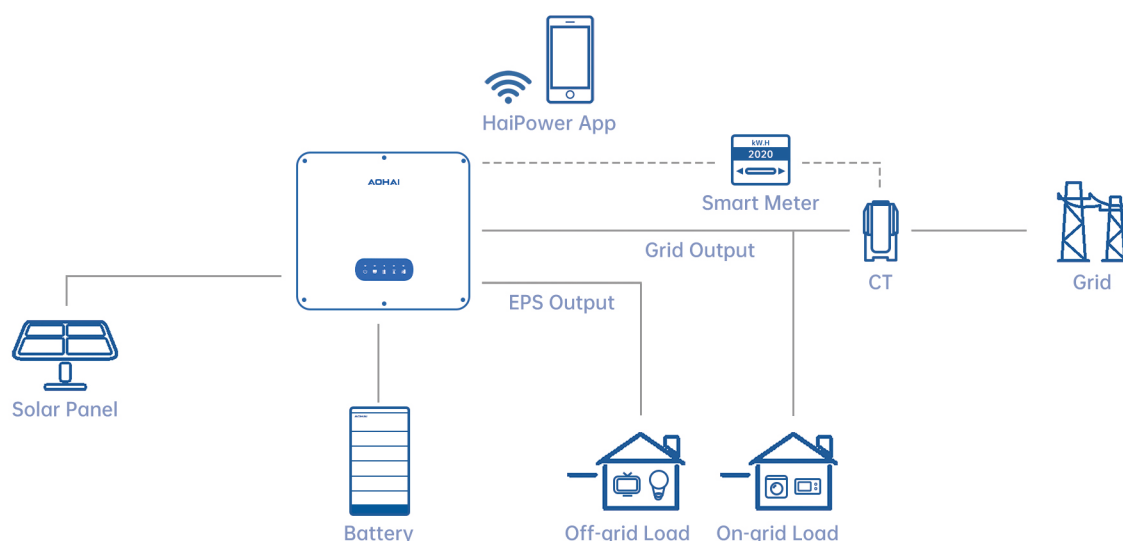
Easy for capacity expansion and transportation



Superior Protection

IP65 batteries ideal for demanding environments

Energy Storage Solution



Specifications

Model

AS-7.68HD-GL1 AS-10.24HD-GL1 AS-12.8HD-GL1 AS-15.36HD-GL1 AS-17.92HD-GL1 AS-20.48HD-GL1 AS-23.04HD-GL1 AS-25.6HD-GL1

Technical Data

Number of layers	3 layers	4 layers	5 layers	6 layers	7 layers	8 layers	9 layers	10 layers
Energy	7.68kWh	10.24kWh	12.8kWh	15.36kWh	17.92kWh	20.48kWh	23.04kWh	25.6kWh
Operating Voltage Range	129.6V~168.48V	172.8V~224.64V	216V~280.8V	259.2V~336.96V	302.4V~393.12V	345.6~449.28V	388.8V~505.44V	432V~561.6V
Recommend Charge Current	25A							
Max. Continuous Charge Current	50A							
Max. Continuous Discharge Current	50A							
Peak Current	100A							

Battery Parameter

Charge Temperature	0°C ~ 55°C							
Discharge Temperature	-20°C ~ 60°C							
Environment	Indoor							
Humidity	5% ~ 95%							
Cooling	Natural convection							
Cell Technology	Lithium-iron phosphate (LiFePO4)							
Life Cycle	6000 times @80%DOD							
Protection Rating	IP65							
Certificate	CB, IEC62619, CE-EMC, CE-GPSP, UKCA, UL1973, UL9540A, IEC/EN62040; UN38.3, MSDS							
Display	LED display							
Communication	RS485 / CAN							

Mechanical Data

Dimension (W*H*D)	600*870*210mm	600*1030*210mm	600*1190*210mm	600*1350*210mm	600*1510*210mm	600*1670*210mm	600*1830*210mm	600*1990*210mm
Weight	102.5kg	129kg	155.5kg	182kg	208.5kg	235kg	261.5kg	288kg

Single Module Specification

Module	2.56kWh							
Dimension (W*H*D)	High Voltage Box: 600*250*210mm; Battery Module: 600*160*210mm							
Weight	High Voltage Box: 14 kg; Battery Box: 28kg							