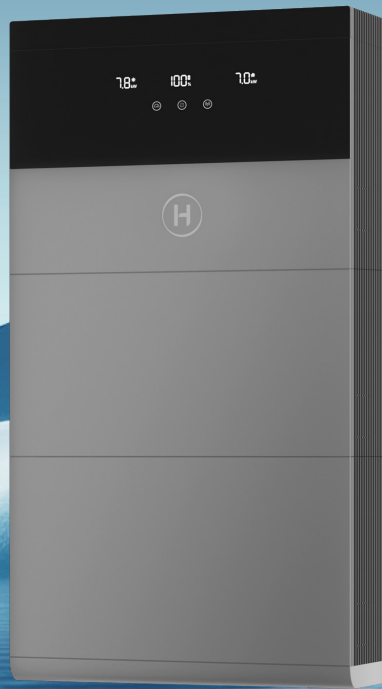


HIONE - BATTERY

HiOne-8B-G3



Inverter

Battery

Features

- 01** Equipped with 314 Ah large-capacity cells for extended cycle life and enduring performance
- 02** Multi-layer protection mechanisms ensure comprehensive electrical safety
- 03** Built-in optimizers support mixed use of new and old battery packs, maximizing system scalability
- 04** Adapts to low temperature with self-heating technology, ensuring performance even in extreme cold

Technical Specifications

Model	HiOne-8B-G3
Battery Data	
Battery type	LiFePO ₄
Cell capacity (Ah)	314
Cycle life	8000 ⁽¹⁾
Total energy (kWh)	8
Usable energy (kWh)	7.8 ⁽²⁾
Depth of discharge	100% ⁽³⁾
Max. charging/discharging power (kW)	4
Peak discharge power (kW)	6 (10 s)
Max. stackable quantity	4
Max. parallel quantity	2
General	
Dimensions (W × H × D [mm])	620 × 360 × 255 (single pack)
Weight (kg)	67
Mounting	Wall-mounting / Floor-standing
Installation environment	Indoor / Outdoor
Storage temperature range (°C)	-25 to +60
Charging/discharging temperature range (°C)	-20 to +55
Protection degree	IP66
Cooling	Natural convection
Altitude (m)	≤4000
Relative humidity range	5% - 95%
Compatible inverters	HiOne-(8-20)T-G3, HiOne-(3.6-12)S-G3,
Standard compliance	IEC/EN 60730-1, UN 38.3, IEC/EN 62619, IEC/EN 63056, IEC/EN 62477
Warranty	10 years

(1) This value is provided by the cell manufacturer and is based on the following conditions: SOH=70%, 0.5 C charge/discharge rate at 25±2°C.

(2) This value is measured at the beginning of life under the following conditions: 100% depth of discharge, 0.2 C charge/discharge rate at 25±2°C.

(3) This value refers to the usable energy capacity of the battery. To keep the battery in good condition, recharge it within 7 days after it has been fully discharged.