

Home Series **H-PACK-5.1** Lithium battery pack



Safety

1. **Aerogel Insulation:** Superior protection from heat and fire.
2. **Quick-Connect Terminals:** Easy and Secure installation.
3. **Precision Built:** Laser welding ensures durability and Safety.



Reliability

1. **Top Lithium Cells:** Powered by CATL & EVE, the world's TOP 3 lithium cell brands.
2. **Consistent Quality:** Automated production guarantees high standards.
3. **Efficient & Durable:** Low-resistance cells with a 6,000-cycle lifespan.



Rack Mount



Wall Mount / Floor Stand

Battery Model	H-PACK-5.1
Battery Module Specification	
Nominal Energy	5.12 kWh
Continucus Output Power (charge/discharge) for a Single Module	2825 W / 4096 W
Peak Roundtrip Efficiency	>95.4%
Warranty	10 years Performance Warranty
Voltage Range	44.8 V ~ 56.5 V
Communication Interfaces	CAN & RS-485
Modules Per Inverter	Up to 8 connected in parallel
Battery Type	Li-ion-LFP
Life Cycle	6000 cycles @25°C ±2°C or 0.5C Condition ¹⁾
Standard Compliance	
Cell	IEC/EN 62619, UN 38.3, UL 1973
Module	IEC/EN 62619, UN 38.3
Mechanical Specifications	
Dimensions(W×H×D)	435 x 580 x 155 mm
Weght	48 kg
Mounting	Floor stand, Wall attach, Rack mount
Operating Temperature (charge/discharge)	0 ~ 50°C (Charging), -10 ~ 50°C (Discharging)
Storage Temperature (12 months between recharges)	-10 ~ 50°C
Max. Operating Altitude	2000 m
Enclosure Protection	IP21
Cooling	Natural convection
Noise (at 1m distance)	<25dBA

1) @25°C & 0.5C condition.