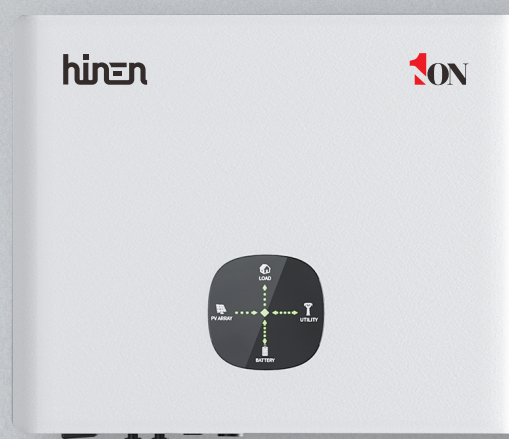


H6000-EU

6kW Single-phase Hybrid Inverter



- Supports over 190% PV input, Max 11.4 kW
- Intelligent integration of AC-coupled, DC-coupled and hybrid modes
- Integrated die-casting, waterproof connector design, IP65 dustproof & waterproof, no weather restrictions
- All-round Inverter Protection :
 - 1.PV disconnection protection
 - 2.Ground fault protection
 - 3.DC bus protection
 - 4.Type II DC SPD & Type III AC SPD
- Max. MPPT current reaching 16A for a single PV string
- 120A Lightning-fast charge & discharge (Continuous)
- Fanless design, sleep-level ultra quiet, running sound ≤ 25 dB
- Multiple work modes set via APP to customize energy and maximize efficiency

Technical Specification		H6000-EU
PV Input Specification		
Max. PV input power(W)		11400
Max. PV voltage(VDC)		550
Startup voltage(VDC)		90
Minimum operating voltage(VDC)		90
Number of MPPT		2
Number of strings per MPPT		1
Max. input current per MPPT(A)		16/16
Battery Specification(Compatible with LiFePO₄ battery or Lead acid)		
Battery voltage range(VDC)		42/58
Max. charge/discharge current(A)		120/120
Max. continuous charge/ discharge power(W)		6000
Grid Port Specification		
Nominal voltage(VAC)		230
Nominal frequency(Hz)		50/60
Rated output power(W)		6000
Max. output apparent power(VA)		6000
Rated output current(A)		26
Max. output current(A)		27
Max.input apparent power(VA)		9000
Max. input current(A)		39
Power factor range		0.8 cap~0.8 ind
Backup Port Specification		
Nominal voltage(VAC)		230
Max. output current(A)		50/60
Nominal frequency(Hz)		6000
Rated output power(W)		6000
Max. output apparent power(VA)		26
Rated output current(A)		27
Efficiency		
MAX. efficiency(%)		97.20
European efficiency(%)		96.80
MPPT efficiency(%)		≥99.5
General information		
Ingress protection		IP65
Operation ambient temperature(°C)		-25°C~60°C, derating above 45°C
Altitude(m)		<4000
Relative humidity(%)		0~100
Dimensions [W*H*D](mm)		568*472*188
Weight(kg)		≈29.6
Noise(dB)		≤25
Monitor		WIFI
Overvoltage class		OVC III[AC], OVC II[PV]
Isolated topology		PV to AC non-isolated, battery to PV/AC high frequency isolated
Warranty		5 Years the warranty period depends the final installations site of inverter, more info please refer to warranty policy