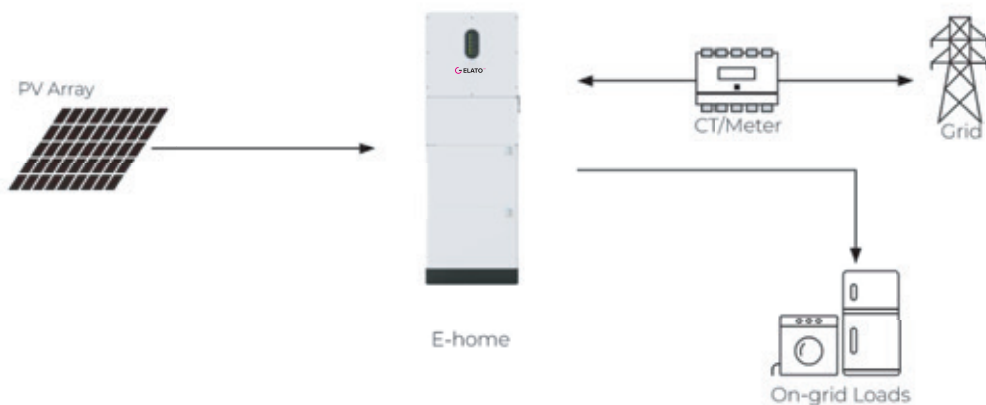


# ENERGY STORAGE SOLUTIONS ESS ALL-IN-ONE SERIES



## HOME ENERGY STORAGE

- LiFePO<sub>4</sub> battery modular
- Cobalt Free Li -num ron Phosphate (LFP) Battery: Maximum Safety, Life Cycle and Power
- Applicable on grid or hybrid on and off-Grid solar energy storage system.
- Self-Consumption Optimization for Residential and Commercial Applications.
- Modular Design Simplifies Transportation and Installation.



## SPECIFICATIONS

### Technical Specification

Noise Emission (dB)	<35	Max. Operating Altitude	2,000m (6,562ft)
Operating Temperature	-10°C-50°C(14°F22°F)	Warranty	10 years ( Inverter 5 years)
Cooling	Natural convection	Protection Class	IP54

### Inverter model

Inverter model	INV-HB5000	INV-HB6000
Efficiency		
Max. Efficiency (PV to AC)	97.30%	
Max. Efficiency (AC to BAT)	94.00%	

### Input (PV)

Max. PV Power	9000w	
Max PV Voltage	550v	
MPPT Volt Range @Full Load	200-480v	200-480v
No. of MPPT Trackers	2	
String Per MPPT Tracker	1	

### Input (BAT)

Compatible Battery Type	Lithium Battery
Norminal Battery Voltage	51.2V
Max.Charge/Discharge Power	6000w