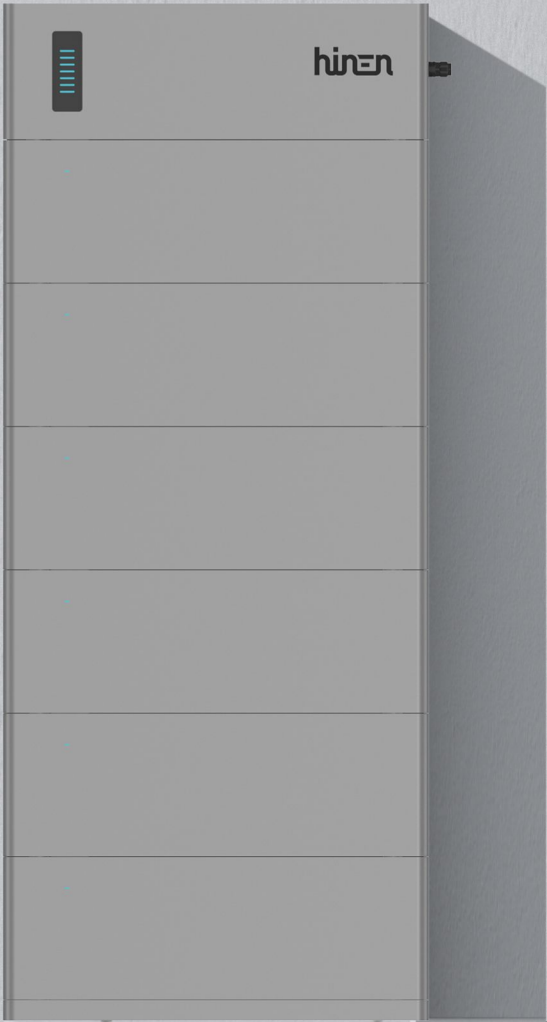


2400W AC-Coupled Balcony Energy Storage System

E series AC2.4S
E2400AC+E2560B

2400W
2.56kWh-15.36kWh

- Integrated stackable design, perfectly combines battery & Microinverter.
- Scalable 1-6 battery packs (Max 15.36kWh) for diverse needs.
- Multi-mode APP control for customized energy & maximize efficiency.
- DIY-friendly plug-and-play setup in 2 minutes.
- Compact high-efficiency design for tight spaces.
- IP65 weatherproof & 30dB whisper-quiet performance (indoor/outdoor).
- Real-time energy monitoring & remote APP management.
- LiFePO₄ battery: 8,000+ cycles with 10-year warranty.
- Supports 1C charging and discharging



A better world
powered by you

Technical Specification

Model		E2400AC
Rated Capacity	100Ah/2560Wh	
Rechargeable Li-Ion Battery	LifePO4	
Life Cycle (Times)	8000	
Wireless Connection	Bluetooth, 2.4G Hz Wi-Fi	
On-Grid Terminal		
Max. AC power from grid	2400W	
Max.AC input current from grid	10.9A	
Rated AC output power*	600W/800W/1200W/1500W/2000W/2400W	
Max. AC output apparent power	600VA/800VA/1200VA/1500VA/2000VA/2400VA	
Max AC Output Current	2.8A/3.7A/5.5A/6.9A/9.1A/10.9A	
Rated AC voltage	L / N / PE 220/230/240V	
Rated grid frequency	50/60Hz	
Harmonic (THDI)	<3 % (at rated power)	
Power Factor	1 (-0.8~+0.8)	
Off-Grid Terminal		
Max AC Output Power	1000W/2000W	
Max AC Apparent Power	1000VA/2000VA	
Power Factor	-0.8~+0.8	
Nominal output voltage	230VAC	
Max Output Current	4.4A/8.7A	
Battery Terminal		
Battery Rated Voltage	25.6VDC	
Max Charge Current	100A	
Max Discharge Current	100A	
Max Charging Power	2560W	
Max Discharging Power	2560W	
Expandable Battery Quantity	6	
Max Expandable Capacity	15360Wh	
General Parameters		
Isolated topology	PV to BAT non-isolated,PV/BAT to AC high frequency isolated	
Charging Temperature Range	-20°C—55°C	
Discharging Temperature Range	-20°C—60°C	

Technical Specification

Model	E2400AC
Self–Heating	Yes, activated below 0°C
Relative Humidity	5%–95%
Maximum Altitude Rating	Below3000
Ingress Protection	IP65
Environmental Category	Outdoor Use
Cooling method	Natural cooling
Noise(MAX)	<30dB
DC connection type	MC4
AC connection type	Plug and play connector
Display	LED+APP
Monitor	RS485, WLAN, CAN
Installation type	Floor stand/wall-mounted
Wet Location Classification	Wet Location
Pollution Degree	PD3 (External) PD2 (Internal)
Overvoltage Category	OVCII (DC), OVCIII (AC)
Protective Class	Class I
Warranty	10 Years
Protection	
Overvoltage Protection	Yes
Overcurrent Protection	Yes
Short Circuit Protection	Yes
Temperature Protection	Yes
Overcharging Protection	Yes
Over–Discharge Protection	Yes
Dimensions and Weight	
Dimensions(L*W*H)	626*160*200 mm
Net Weight	10kg(TBD)

Technical Data	E2560B					
Number of Modules	1	2	3	4	5	6
Rated Energy	2.56kWh	5.12kWh	7.68kWh	10.24kWh	12.8kWh	15.36kWh
Usable Energy	2.432kWh	4.864kWh	7.296kWh	9.728kWh	12.160kWh	14.592kWh
Rated Power	2.56kW	5.12kW	7.68kW	10.24kW	12.8kW	15.36kW
Battery Module	25.6V,100Ah,2.56kWh					
Rated Voltage	25.6V					
Operating Voltage	20~29.2V					
Cell Type	LFP(LiFePO4) 3.2V/100Ah					
Cycle life	8000 cycles					
Operating Temperature	Charge:-20~55°C/Discharge:-20~60°C					
Depth of Discharge(DOD)	90%					
Max Charge & Discharge Current	100A					
Communication	CAN					
Humidity	10% to 90% no condensing					
Storage temperature	–10~35°C					
Operating Altitude	≤2000M					
Protection Degree	IP65					
Cooling method	Natural cooling					
Certification	CE,UN38.3、IEC62619、CE、CEC、RCM					
Warranty	10 Years					