



ENIK

ENIK Energy Wall

Intelligent Energy Storage Solution



www.enik-energy.com

INTRODUCTION



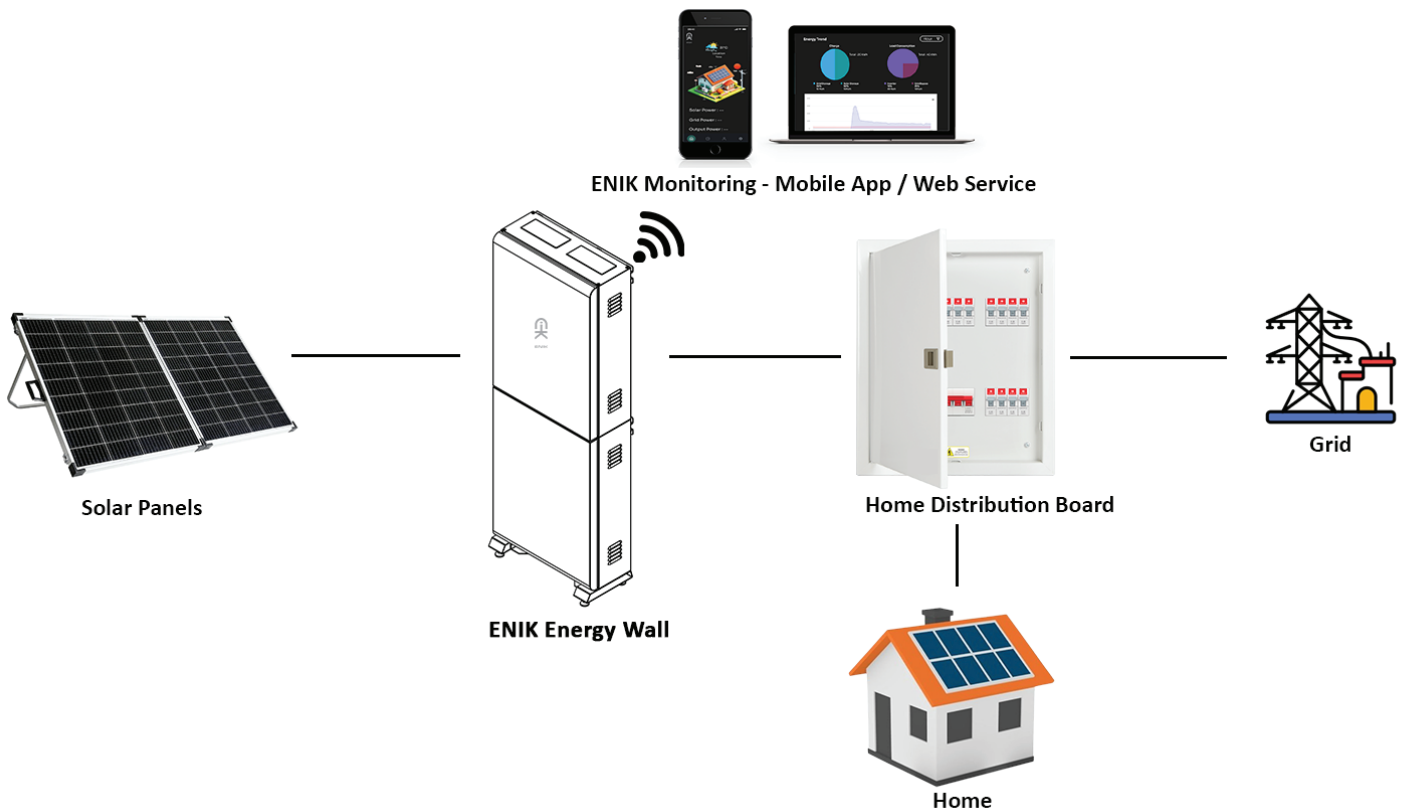
ENIK Energy Wall is an intelligent Energy Storage Solution (ESS), that manages & stores energy generated by solar photovoltaic system. It's revolutionary compact design with advanced built in features provides an ideal solution for Energy Storage Systems (ESS).

Energy Wall is capable of directly connecting to your solar PV system. Solar energy is stored in Energy Wall's inbuilt battery system and consume when solar panels are not generating energy. This ESS system also has the ability to connect with grid supply thus enabling seamless electricity connection throughout the day.

Energy Wall comes with ENIK mobile app and a web service to monitor your energy storage system easily.

ENIK Energy Wall makes you, energy independent and contributes to a green planet environment protection, with low carbon footprint.

TECHNOLOGY

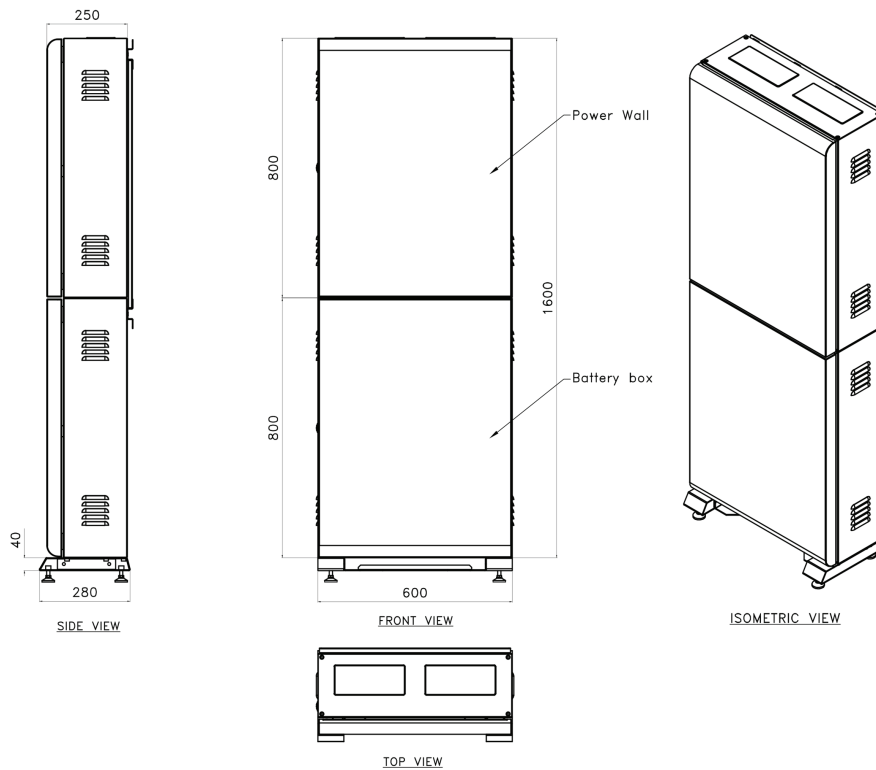


ENIK provides faster and professional installation of your Energy Store System (ESS) by eliminating the need for separate installation for inverter, battery bank and switchgears. Simply set up your Energy Wall by providing connections from solar pv output, grid and home Distribution Board.

Technical Specifications

Rated Power	2 kW	3 kW	4 kW	5 kW	6 kW	8 kW	10 kW	12 kW
Surge Rating	4 kW	6 kW	12 kW	10 kW	18 kW	24 kW	30 kW	36 kW
Energy Capacity	13 kWh							
Maximum PV Array Power	1.5 kW	1.8 kW	4.5 kW	5 kW		7 kW		
Maximum PV Array Current	50 A		80 A			120 A		
Efficiency	93%				85%			
Internal Battery DC Voltage	48 V							

Mechanical Specifications



Environmental Specifications

Operating Temperature	0°C - 55°C
Storage Temperature	-15°C - 60°C
Humidity	Up to 100%, condensing
Altitude	<2000m
Protection Degree	IP4X

Compliance Information

IEC Compliance
CE
RoHS



Elegant & Futuristic Design



Cable Management System Built-In



Provision To Fix Inverter In The Upper Section



Provision To Earthing Of All Section To System Earth



Switchgears Module To Give Required Protection & Control



Ventilation Louvers With Vermin Proof Mesh



LiFePO4 Batteries On The Bottom Section



Free Standing With Heavy Duty Footings



Cable Entry From Top & Bottom



Front Facia Is Clean As All Locks Are From Side



Inbuilt Display To Monitor Usage



Safety For People & Pets. No Exposed Cables



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ENIK - Next Generation Energy Storage Solution

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