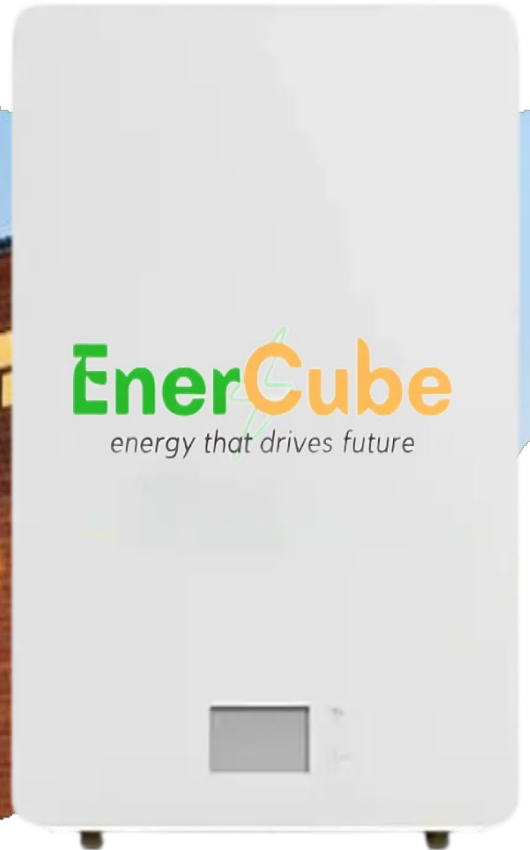


EnerCube mini e-Storage

Residential & Commercial
(BESS)

Single Phase

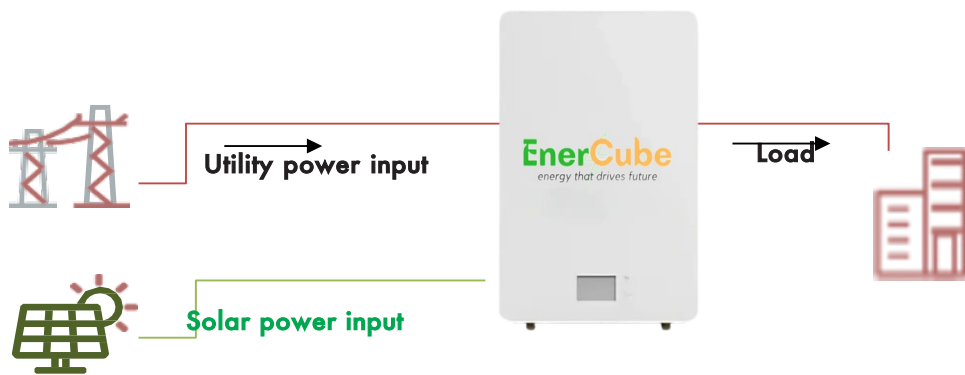
5kWh ~ 20kWh



Feature-Loaded

Residential & Commercial Energy Storage System

- ✓ It is a set of intelligent Energy storage system in built with best lithium-ion (LFP) Batteries for the highest level of safety, reliability and performance.
- ✓ The Plug and Play architecture of EnerCube mini e-storage is the ideal solution for the residential and small commercial power backup.
- ✓ It contains built in inverter and MPPTs allowing DC charging from the solar power in addition to AC Charging from the Grid, Diesel generator or any other AC source.
- ✓ EnerCube mini is a modular and easily expandable by adding the power of energy module in step of 5kW/5kWh to 5kW/20kWh to create the system backup time of your need,



Features

- Plug And Play Design
- Integrated MPPT For DC Solar Charging
- Off-grid Operation Capability With Solar
- Highly Safe To Use
- Priority Settable For Grid, Solar & Battery
- >94 % DC Efficiency
- Inbuilt HMI To View System Information

Technical Specifications

INPUT

Voltage 230 VAC	Voltage Range .+/- 15%	Frequency Range 50 Hz/60 Hz (Auto sensing)
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ENVIRONMENTAL CONDITIONS

Humidity 5%-90%	Ambient Temperature 10°C to 45°C	Operating Temperature -,10°C to 50°C.
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BATTERY

Battery Type Lithium-ion(LFP)	Depth of Discharge (DOD) 90%	Ampere Rating 100Ah
Battery Voltage 48 VDC	Battery Cycles 4000 at 80% DOD	
Floating Charge Voltage 54 VDC	Overcharge Protection 66 VDC	

OUTPUT

AC Voltage Regulation 230 VAC + 5%	Efficiency (Peak) 98% (Line Mode)
Output THD v >than 3% for linear load <8% for non-linear load	90% (Battery Mode)
Waveform Pure sine wave	Surge Power 10 KVA for 5 sec.
Relative humidity Enclosure	Transfer Time 10 ms
	0 ~ 95% (non -condensing)

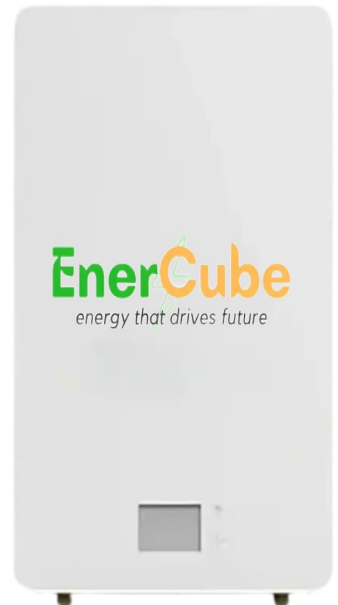
Cabinet design provides a high protection class IP 20*.

Cooling concept

Inverter Chamber Natural Air Flow, Ventilation	Battery chamber Natural Air Flow Ventilation
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Safety & Reliability features

- Perfect protection function for inverter and battery.
- Redundancy design for important functions.
- DC electric circuit safety management
- Multi-state monitoring and linkage actions ensure battery system safety.



All Models can be expanded in Energy Power Terms – by adding 5kWh Battery e.g. 5kW/10kWh, 5kW/15kWh, 5kW/20kWh

The specifications and Product enclosure image in this document are subject to change without notice.

* System must be protected against water and sun

Enertech Overview

Enertech is a high-tech enterprise specializing in the sales, and service of energy conversion technology products.

Enertech is a leading solution provider for energy storage, energy storage PCS, Hybrid solar PCU and as well as a manufacturer of Industrial Battery Charger, Static Frequency convertor & Industrial UPS.



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R&D experience



R&D Recognized by DSIR
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IGBT and Zero Change
over time in PCS



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power



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manufacture



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installations across
globe



500+
Partners



75+
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Market & Sales by

Enertech Industrial Solution LLP
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Our Product Offering

- Online UPS
- Energy storage System
- Solar Hybrid PCS
- Static Frequency Converter,
- Industrial Battery Charger

Solutions architects

– expert support



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