

# Modular Battery Energy Storage System with AC Coupling

This energy storage system comes with AC coupling and a built-in battery. Its modular design allows for easy installation and low maintenance, with 24/7 monitoring.



## Product Overview

### Modular Energy Storage Solutions

This modular battery energy storage system with AC coupling is engineered for versatile energy management, supporting both residential and commercial applications. The system facilitates PV self-consumption, load shifting, and reliable backup power, with options ranging from compact residential units to scalable commercial installations. Designed for flexibility and stability, the solution is tailored to meet diverse energy requirements, helping users reduce energy costs and increase energy independence.

## Technical Specifications

### Residential Capacity Range

- Single phase: 3 kW
- Single phase: 5 kW
- Three phase: 10 kW

### Commercial Capacity Range

30 kW to 300 kW

## Applications

### Primary Use Cases

PV Self-consumption, Back-up Power, Load Shifting, Off-grid Solutions, Demand Charge Management, Fuel Saving, Micro-grid

## System Features

### Core Features

Modular Design • AC Coupling • Advanced BMS • Integrated Inverter • Scalable

### Performance Highlights

**3 kW**

Min Residential Capacity

**300 kW**

Max Commercial Capacity