

# Integrated Solar Power System with Battery Storage

This integrated system captures solar energy using panel arrays, stores it in battery systems, and converts it to AC power via an inverter. It provides continuous power, even when sunlight is limited, and features monitoring and control capabilities for optimal energy management.



## Overview

### Integrated Energy Solution

The LB-P5000 Series is a comprehensive energy solution designed for efficient solar energy capture, storage, and conversion. This integrated system combines solar panel arrays, battery storage, and power inverters to provide reliable, continuous AC power. It features advanced monitoring and control capabilities, ensuring optimal energy management for various applications.

## System Components

### Core Components

- Solar panel arrays
- Battery storage system
- Power inverter

### Inverter Features

DC to AC Conversion, Energy Monitoring, Control Capabilities

## Design & Build

### Mounting System

Durable frames optimized for sunlight exposure