

# Solar Panel Performance Testing System

This testing system evaluates the performance of solar panels. It features adjustable voltage and current settings, along with real-time data monitoring for accurate analysis.



## Overview

### Comprehensive Solar Performance Analysis

The LB-P1000 Series is a professional-grade testing system engineered for the rigorous evaluation of solar panel performance. It offers versatile testing capabilities through an adjustable power supply and a flexible mounting frame that simulates various sunlight conditions and tilt angles. Designed for both laboratory research and field quality control, this system provides real-time monitoring of critical metrics like voltage, current, and power output for reliable data analysis.

## Technical Capabilities

### Core Testing Features

- Adjustable voltage settings
- Adjustable current settings
- Simulated sunlight condition testing
- Adjustable panel tilt angles
- Real-time data monitoring

### Monitored Metrics

**0 V**

Voltage

**0 A**

Current

**0 W**

Power Output

## Applications

### Primary Applications

Research & Development, Quality Control, Laboratory Testing, Field Testing