

Adjustable DC Power Supply 30V 10A

This DC power supply provides adjustable voltage from 0-30V and current from 0-10A. It features dual LED displays for monitoring voltage and current output.



ADDITIONAL IMAGES



Overview

Professional DC Regulated Power Supply

This switching regulated DC power supply provides stable and precise power output for electronics testing, laboratory research, and industrial applications. Designed with dual LED displays, it allows for simultaneous monitoring of voltage and current. The unit features built-in thermal management with an automatic cooling fan and offers adjustable output controls for fine-tuned electrical measurements.

Electrical Specifications

Output Range

30 V

Voltage

1 A

Current

Input Voltage

AC 220V \pm 10%

Performance

Stability and Precision

Metric	Value
Source Effect	$\pm 0.01\% \pm 1\text{mV}$ / $\pm 0.02\% \pm 3\text{mA}$
Load Effect	$\pm 0.01\% \pm 1\text{mV}$
Ripple & Noise	$\pm 1\text{mVrms}$ / $\pm 3\text{mA rms}$

Display and Interface

HoldPeak®



Dual LED displays for simultaneous voltage and current monitoring with precision adjustment knobs.

Display Type

LED • Dual Digital Display

Display Accuracy

- Voltage: $\pm 1.0\%$ + 1 digit
- Current: $\pm 2.0\%$ + 2 digits

Environmental Requirements

Operating Conditions	Temperature 0-40°C, Humidity d90%
Storage Conditions	Temperature -20-60°C, Humidity d80%