

LDH400P

Electronic DC loads- 500V, 16A, 400W

INTRODUCING OUR NEW HIGH VOLTAGE ELECTRONIC LOAD

The image shows the LDH400P Programmable DC Electronic Load. The front panel features a large backlit LCD displaying '500.0V' and '0.800A'. Below the display is a numeric keypad and function buttons. To the right is a rotary knob and several control buttons. On the far right, there are two large terminal blocks for current monitoring, labeled '600Vdc max' and '300V CAT II'. Red lines connect callout boxes to various parts of the device.

- Wide voltage and current range, 10 to 500V and 0 to 16A
- Variable drop-out voltage for battery testing
- Constant current, resistance, conductance and power modes
- High resolution and accuracy for level setting
- Current monitor output for waveform viewing
- Front and rear input terminals
- Built-in transient generator with variable slew
- 400 watts continuous dissipation at 28°C (360W at 40°C)
- Load inputs rated to CAT II (300V)
- Versatile solution for direct testing of dc power sources and PFCs
- High resolution backlit graphic LCD with soft key control
- Analog remote control of levels and TTL control of on/off and transient switching
- Full bus control via USB, RS232, GPIB and LAN / LXI interfaces



COMPACT ELECTRONIC DC LOAD

The LDH400P is a high voltage electronic load which is suitable for testing and characterising a wide variety of dc power sources. It can be used to investigate the behavior of many different types of power source such as PFCs, batteries and solar cells. Its wide voltage/current range, multiple operating modes and built-in transient generator give it the versatility to offer test solutions from the design laboratory through to the component test area.

CAT II (300V) RATING

The LDH400P load inputs are rated to CAT II (300V), this allows the direct testing of PFCs and mains connected power supplies to be simplified using the LDH400P by eliminating the need for an isolation transformer, saving bench space and cost.

INTRODUCTION

Price: £1195
€1495

Order book open, deliveries beginning November 2017

New LDH400P pictures available on the Aim-TTI images website
<http://images.aimtti.com/>