

# DL Series

## Features Include

- Analog Programmable
- Pulse Loading
- Variable Pulse Rate
- Variable Pulse Width
- Low Current Full Scale
- Fast Response Time
- Steady State Loading
- Economical & Compact

The DL Series of Dynaloads provides exceptional performance at an economical price. The series ranges from 100W modular loads to high current 3000W loads. Each unit has unique capabilities. Our DLVP series is ideal for the engineer who requires pulse load capability with the ability to change the duty cycle. The DLM series is designed for multi-channel DC sources and is rated at 100W per module. Four of the DLM modules can be installed in a 19" rack housing.



# DLVP Series

## 3000 Watt

### DLVP 3000 Watt



- Pulse Loading
- Variable Pulse Rate
- Variable Pulse Width
- Analog Programmable

### DLVP 50-300-3000B

#### OPERATION

**Operating Voltage:** 3 - 50 Volts  
**Operating Current:** 0 - 300 Amps  
**Power Dissipation:** 0 - 3000 Watts  
**Voltmeter Ranges:** 0 - 6 Volts  
0 - 18 Volts  
0 - 60 Volts  
**Ammeter Ranges:** 0 - 36 Amps  
0 - 120 Amps  
0 - 360 Amps  
**Constant Current:** 0 - 60 Amps  
0 - 300 Amps

**Constant Resistance:** 0 - 20A/V  
0 - 60A/V  
**Constant Voltage:** 0 - 50 Volts  
**Over Voltage:** 60 Volts Max  
**Over Current:** 320 Amps Max  
**Power Limit:** 3400 Watts  
**Frequency Range:** 20Hz to 5KHz  
**Pulse Width:** 10 - 100% Duty Cycle  
**Response Time:** <50 $\mu$ S  
**Ext. Prog:** 0 to 10 Volts input yields 0 to full scale current.

**Prog. Accuracy:**  $\pm$ 1% of setpoint from 10 to 100% of rated current

**Current Sample:** 0-10 Volts for 0 to 100% of Rated Current

**Meter Accuracy:** < $\pm$ 3%

#### MECHANICAL

**Size:** 19"W x 8.75"H x 19.18"D  
483mm W x 222mm H x 487mm D  
19" Rack Mountable

**Weight:** 42 lbs. / 19.05kg