



Laboratory Grade

DRR SERIES

High Voltage Power Supply

The DRR series monopolar High Voltage Power Supplies are designed for application that require reliability, ease of operation and precision. A wide range of output voltage and current options are available.

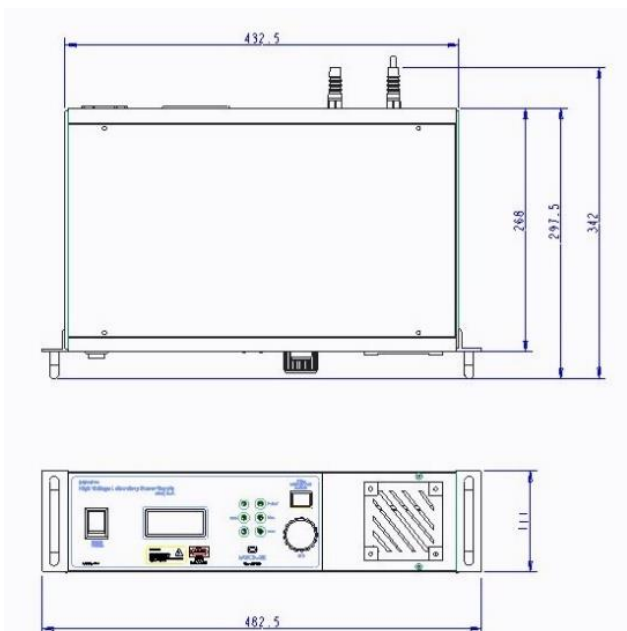
The DRR series is standalone high voltage power supply with front panel controls and feedbacks. The unit operates off mains voltage. It is specifically designed for use in a laboratory environment such as materials research.

General Specifications

Input Voltage	110V / 230V
Output Voltage Options (Positive or Negative Output)	0-5000V 0-10000V 0-20000V 0-40000V 0-50000V 0-60000V
Max Load Current	2mA
User Settings	Output Voltage Constant Current Limit Voltage Ramp Rate Max Voltage Trip Current

Typical Performance Specifications (valid for > 1000V) & Features

Voltage Accuracy	Better than 0.1% of set value
Voltage Ripple	< 0.5% RMS of set value
Voltage Stability (10°C – 40°C, 1 hour)	Better than 40V
Regulation (Line & load)	Better than 0.1% of set value
Output Voltage Polarity	Positive/Negative (Chassis is Ground/Return)
Max input power	100VA
Output Connection	High Voltage Cable (1.5m standard)
Input Connection	IEC Connector & dedicated earthing point
Enclosure	Metallic powder coated
Front panel display	4 line backlit LCD
Controls	Tactile keypad & digital knob
Protections	Over Voltage Over Load Arcing / Shorts Input fusing



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