



Product Information

Roborealm VR02DC is a lab grade regulated linear DC power supply; this power supply can be controlled to 10mV and 1 mA. This highly stable, high quality variable DC power supply has dual independent outputs continuously adjustable at 0 to 30 V DC and 0-2A which is upgraded from original low voltage of 0-20V and better performance. Moreover, VR02DC power supply equips with short protection and overload protection. Combination with two outputs with two pairs of 7 segment LED displays with 3 digits providing accurate readout for the voltage and current values. What's more, the unit is equipped fine controls for adjusting the voltage and current outputs with independent controls accordingly, making it extremely easy to set the output to your desired level.



- Display: Four 7 segment LED display with 3 digits
- Controls for both current and voltage outputs
- Protection: over-voltage and reverse-voltage
- Input voltage: 220V/50Hz
- Line regulation: Control Voltage $\leq 0.01\% + 3 \text{ mV}$, Control Current $\leq 0.2\% + 3 \text{ mA}$
- Load Regulation: Control Voltage $\leq 0.01\% + 3 \text{ mV}$, Control Current $\leq 0.2\% + 3 \text{ mA}$
- Ripple noise: CV $\leq 0.5 \text{ mV RMS}$, CC $\leq 3 \text{ mA RMS}$
- Recovery time: $< 100 \text{ micro seconds}$
- LED reading accuracy: $\pm 1\%$ for voltage and $\pm 2\%$ for current
- Environment: 0-40C, relative humidity $< 80\%$
- Size: 230 x 210 x 80mm

Caution: Original 3 pins socket equips with AC fuse and switch. Use only designated current rating fuse. Do not block air flow.

Features and Specifications

Adjustable Dual Independent Outputs: 0 to 30V (0-2A)