LAB ENGINEERING

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Product Name :	**Product Code :**
Precision Variable Power Supply	ELAB-EMG0003

Description :

Precision Variable Power Supply

Technical Specification :

Maximum voltage limiter. Use an Allen key through the front panel to set the dial to the highest voltage you want your students to use. The main control will then work as normal up to this value but if a higher voltage is tried there will be no increase.
Regulated DC output. Set the voltage to the value required as displayed on the built-in panel meter and the supply will maintain this no matter what you connect to the terminals.
Digital panel meter showing the DC output being used at all times
Automatic over-current protection. If more than 8A is used the output voltage reduces to zero. Normal output is restored once the current is reduced. No resetting required.
Additional AC 6V and 12V (unregulated) are provided at 1.5A max for AC work such as transformer investigations. This can be used in parallel with the DC output.
Robust, powder-coated steel case with integral plastic handle and removable mains lead
Clear simple controls with illuminated front-panel mains switch
Switched or Variable. The same quality and facilities are available as either continuously variable DC. or switched output. Whichever you prefer.
Compact design. Easy to store, easy to carry around, more space left on the bench. At only 2.2kg each and measuring only 125 x 175 x 230mm four supplies will fit in a single storage tray. A real space saving solution.

VOLTAGE LIMITER: Front panel Allen key adjust.
CURRENT PROTECTION: Electronic automatic d.c. Thermal automatic a.c.
INPUT: 90-265V a.c. 50/60Hz

Max ripple at full current 300mV
6V and 12V a.c. unregulated.
OUTPUT VOLTAGE: 0 to 15V d.c. continuously variable
Fully smoothed and regulated
Max voltage variation with load current 2%
OUTPUT CURRENT: 8A d.c. max. 6A continuous 1.5A a.c. max.
DISPLAY: Digital output d.c. only.