

Volt Lock VL Instructions

The Volt Lock is a low voltage power supply giving 2, 4, 6, 8, 10 or 12V d.c. at up to 5 amps. Generally, the a.c. voltages will be about 2V higher than the d.c. values.

The output is unregulated, this means that when a load is applied the voltage will drop somewhat. a.c. and d.c. outputs may be used simultaneously up to a total of 5A.



The Volt Lock also has an electronic cut-out system to protect against short circuits and overloading. When the cut-out operates the red fault LED will illuminate. There is built in hysteresis in the system – this means that there is a delay before the cut-out operates. This is to prevent pupils tripping the unit by applying a momentary short circuit. Once the fault is removed the red light extinguishes and the cut-out resets automatically.

When in use, the voltage should not be switched whilst the unit is “on load” as this will reduce the life expectancy of the switch.

Mains power is delivered via an IEC lead which plugs into the unit at the rear. This unit also contains the mains fuse (2A quick blow 20mm glass fuse) in a lever out tray. A spare fuse is also supplied within the fuse tray. Finally the unit incorporates a mains on/off switch. A purple LED on the front panel illuminates to indicate that mains power is on and the fuse is intact.

- Easy access on/off switch with easy change fuse.
- Standard power supply cord fitting.
- Strong powder coated tamper-proof steel case with rubber feet.
- Modern looking with clear LED digital display.
- Supplied with two keys. Common key profile. Key may be removed in any position.