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## The IPC Irwin Powerbase S5 Power Supply



Thank you for choosing the IPC Irwin Powerbase S5 Power Supply. The Powerbase range has been specifically designed for education and we know it will bring you good service long into the future. This is just one product of a wide range of UK designed and manufactured products to enhance a STEM education, please see [www.ipcirwin.com](http://www.ipcirwin.com) website for more details on the products and service we provide to support teaching and learning in science and technology.

The Powerbase S5 is a heavy-duty power supply offering 3 - 15V ac and 3 - 20v smoothed dc outputs. Both outputs are selected by a rotary switch and may be used simultaneously up to a combined output current of 5A.

The front panel contains a large knob, which is used to select the required output voltage. The approximate voltages are shown surrounding the dial. Also, on the front panel are an on/off switch, five output sockets for ac, dc and earth and a reset button. The reset button operates if there is a short circuit or overload on any of the outputs. Should the reset button pop out, switch off the supply, rectify the fault, switch on again and press the button in. Please note that the button takes about 5 seconds to reset and will not work if pushed within this time. Fitted inside the case is a 2A quick blow fuse.

### IPC Irwin

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Should the neon in the on/off switch operate but no power comes out of the unit, then check this fuse.

Please Note: For accurate output voltages a suitable voltmeter or multimeter should be employed.

The unit also utilises a voltage limit lock, which sets the maximum voltage obtainable. To set the lock, proceed as follows:

- Set the maximum voltage required on the dial
- Slacken the limit lock with the Allen key supplied
- Rotate the plastic disc anticlockwise until the stud sits against the knob pointer
- Tighten the limit lock

All the IPC Irwin range are subject to rigours Quality Assurance checks before despatch part of which is a Portable Appliance Test. The PAT checks are required regularly depending use, please check with your adviser as to how often these tests are required. IPC Irwin also provide Portable Appliance Testers and a Calibration service, for more details please go to [www.ipcirwin.com](http://www.ipcirwin.com) or call our sales and technical support line on 015395 58555.

Also Please do not forget to register you purchase for warranty cover which you can also do online at our website.

IPC Irwin Range of Power Supplies can be found at <https://www.ipcirwin.com/power-supplies>



**Special Class Sets:**

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