

## 1. Variable Resistor Module

Allows varying levels of electric current to flow through it depending on the position of the control knob. This module can be used as either a speed control for the motor module or as a dimmer switch for the bulb module. For best results use at least two battery cells (3V).

Code	Description	Pack	Price
EDU1042	Variable resistor module	Each	£10.46
EDU1042M	Variable resistor module with magnetic back	Each	£15.76

## 2. Bulb Module

Converts electrical energy into light. It contains a very thin coil of wire called a filament. This unit uses a standard low voltage miniature MES bulb.

Code	Description	Pack	Price
EDU1044	Bulb module	Each	£6.82
EDU1044M	Bulb module with magnetic back	Each	£9.60

## 3. Battery Module

Safely supplies power to the other modules. Short circuit protected. Battery modules can be linked together to combine voltages. Each module supplies 1.5 volts and requires one standard C- type battery.

Code	Description	Pack	Price
EDU1054	Battery module	Each	£6.60
EDU1054M	Battery module with magnetic back	Each	£9.60

## 4. Extra Connection Module

This module allows you to easily connect up different components when designing circuits. It incorporates spring loaded sockets that easily hold resistors, diodes, LEDs, and much more.

Code	Description	Pack	Price
EDU1056	Extra connection module	Each	£6.88
EDU1056M	Extra connection module with magnetic back	Each	£9.60

## 5. LED Modules

These units emit a red, amber, green or white light when connected into a circuit. This type of L.E.D is very low power and currently being used in many household and everyday applications. These units can be powered by the battery unit or combined solar cells.

Code	Description	Pack	Price
EDU1058	Red LED module	Each	£6.60
EDU1058M	Red LED module with magnetic back	Each	£9.60
EDU1060	Amber LED module	Each	£6.60
EDU1060M	Amber LED module with magnetic back	Each	£9.60
EDU1062	Green LED module	Each	£6.88
EDU1062M	Green LED module with magnetic back	Each	£9.60
EDU1064	White LED module	Each	£6.60
EDU1064M	White LED module with magnetic back	Each	£9.60

