1

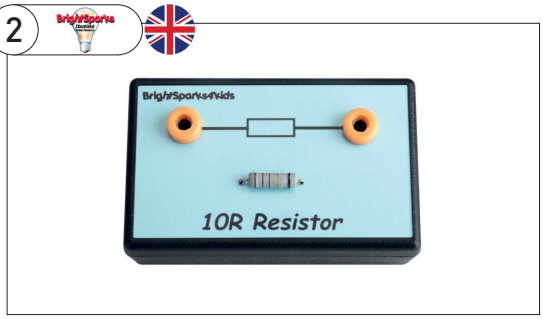


1. Solar Cell Module

Explore the world of solar energy with the solar cell module. Each module has a specification of 0.3W (3.0V at 100mA) and can easily power motors, LEDs, buzzers etc. Also available magnetic backed for demonstration.

Code	Description	Pack	Price
EDU1074	Solar cell module	Each	£8.65
EDU1074M	Solar cell module with magnetic back	Each	£10.40

2

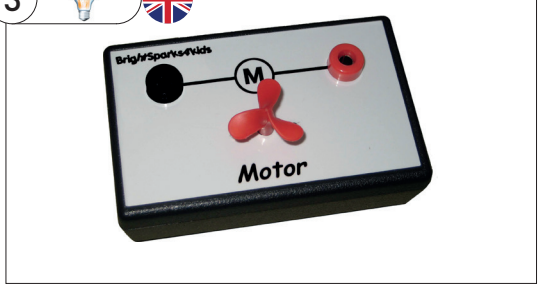


2. Resistor Modules

A comprehensive range of 3W metal oxide fixed resistor modules. They can be used extensively in teaching the role of resistance. Also available magnetic backed for demonstration.

Code	Description	Pack	Price
EDU1076	10R resistor module	Each	£6.50
EDU1076M	10R resistor module with magnetic back	Each	£8.43
EDU1082	22R resistor module	Each	£6.50
EDU1082M	22R resistor module with magnetic back	Each	£7.75
EDU1084	47R resistor module	Each	£6.50
EDU1084M	47R resistor module with magnetic back	Each	£7.75
EDU1086	100R resistor module	Each	£6.50
EDU1086M	100R resistor module with magnetic back	Each	£7.75

3



3. Motor Fan Module

Converts electrical energy into motion. Its propeller rotates at a safe speed. The direction and speed of the rotation depends upon its voltage and polarity to the battery module. This module can be connected directly to the battery, or operated with any switching module.

Code	Description	Pack	Price
EDU1038	Motor fan module	Each	£7.39
EDU1038M	Motor fan module with magnetic back	Each	£8.42

4



4. Fundamentals of Electricity Kit

This solution provides an introduction to the fundamentals of electricity. It is ideal for those who are completely new to the subject, and is suitable for use from age 8+. Curriculum, including experiments and teacher's notes, is available to download. The kit includes component carriers, base board, power supply, and storage trays.

Topics include:

- What is electricity?
- Simple electrical components
- The simplest circuit
- Conductors and insulators
- Switches
- Two way switches
- Series circuits
- Parallel circuits
- Buzzers
- Motors

Code	Pack	Price
LK6444	Each	£161.95