

## Spelling list: Physics GCSE Electricity

series	As you add more light bulbs in <b>series</b> they get dimmer.
parallel	Adding more light bulbs in <b>parallel</b> doesn't affect the brightness of the bulbs.
electricity	<b>Electricity</b> is generated in power stations.
current	<b>Current</b> is the rate of flow of charge.
variable	A <b>variable</b> resistor can change the amount it restricts the flow of current.
resistor	A <b>resistor</b> hinders the flow of current around a circuit.
Joule	The <b>Joule</b> is the unit of energy.
ampere	The <b>Ampere</b> (Amp) is the unit of current and has the symbol A.
volt	The <b>Volt</b> is the unit of voltage, or how much energy is gained or lost by each coulomb or charge.
friction	<b>Friction</b> is the resistive force when two surfaces rub against each other.
power	<b>Power</b> is the rate of energy transfer, it is measured in Watts.
Energy	<b>Energy</b> is the strength or power to work.
electron	An <b>electron</b> is a negatively charged particle that orbits the nucleus of an atom.
positive	Protons have a <b>positive</b> charge.
negative	Electrons have a <b>negative</b> charge.
motor	A <b>motor</b> converts electrical energy to kinetic energy.
circuit	A <b>circuit</b> is the path around which electrical current flows.
Coulomb	The <b>Coulomb</b> is the unit of charge.