



# Redavia Solar Power

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Welcome to UPS Solar! We install solar panels and battery storage solutions nationwide. With teams located across the country, we bring a local touch to every project, ensuring you receive personalised service no matter where you're located.

We install solar panels and battery storage solutions nationwide to help you safeguard against rising energy prices. Our range of solar storage solutions ensure you have the power you need, when you need it.

The new modules are built with M10 wafer (182 mm) half-cells. 10 busbar technology using round ribbons increases the power gain from each cell and makes them less sensitive to microcracks, offering higher module reliability.

The ECS is a high-performance, scalable battery storage system. The modular design allows for maximum flexibility, making it suitable for a broad range of storage applications. Additional batteries can be installed in series. Installation is easy, with a plug and play solution that can save valuable time for installers.

We provide an interactive service that allows us to E-Mail you a free bespoke quotation in 3 simple steps. We will measure your roof, determine the maximum domestic size system applicable and calculate your return on investment, we'll then send a tailored fully inclusive Solar PV panel installation quotation.

Whatever business or organisation you're running, finding the right balance between spending and profits is rarely straightforward. It becomes even harder when energy bills continue to skyrocket year after year.

The photovoltaic effect is what's known as a thermodynamic process. Solar panels directly convert sunlight into electricity and are formed of photovoltaic cells, which are usually made of silicon. When sunlight strikes the cells, the photons from the sunlight are absorbed by the atoms in the silicon material. This absorption excites electrons in the silicon, causing them to move and create an electric current. The electric current is then captured and can be used to power electrical devices or sent to the grid for distribution.



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