

# Integrated Solar Panels

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As the technology has improved, solar panels are an increasingly popular choice for homeowners and businesses across the UK. Solar panels allow us to harness free, renewable, low-carbon electricity, reducing reliance on the National Grid. This not only helps us save on energy bills but also contributes to a more sustainable environment.

Beyond the financial and environmental benefits, Integrated Solar Panels also add aesthetic value to our buildings. Newer designs allow for a seamless integration with roof tiles, maintaining the visual appeal of the property.

## Advantages

- More aesthetically pleasing than conventional solar panels
- Environmentally friendly
- Typical payback period of 6-10 years.
- Lighter than conventional solar panels
- No issues with birds nesting under the panels
- Fewer planning restrictions



## Other Considerations

- Integrated solar panels generally do operate at 5-10% lower efficiency than conventional solar panels.
- South facing roofs with a pitch of 30-45 degrees are optimal for efficiency though they are still effective on other faces.
- Solar panels usually come with a 25 year warranty but the inverters and batteries generally have a 5-10 year warranty.

**For More Information Contact Neil Buckley - Green Contract Services - 01270 760379**