



# How long is the life of GCL photovoltaic panels

How long do solar panels last?

Most PV systems are young--approximately 70% of solar energy systems in existence have been installed since 2017. The estimated operational lifespan of a PV module is about 30-35 years, although some may produce power much longer.

What is a GCL solar warranty?

The product warranty is designed to cover manufacturing faults in the panel that leads to damage or malfunction and is typically 10 years for most solar panel manufacturers. All GCL Solar panels offer a 10 year standard product warranty which is effectively the minimum expectation of the solar panel market.

How many GCL solar panels are there in Australia?

Currently, 39 GCL solar panels are approved by the Clean Energy Council (listed under the name of GCL System Integration Technology Co Ltd) for the Small-scale Renewable Energy Scheme - Australia's home solar rebate program. The GCL-M8/60H has 120 half cut monocrystalline solar cells and is one of GCL's best performing solar panels.

What is the life cycle of solar panels?

We can break down the life cycle into four primary phases: Material Sourcing: This initial phase involves extracting and procuring the raw materials necessary for solar panel production, such as silicon, aluminum, and glass. Manufacturing: During manufacturing, these materials are transformed into solar panels.

Are GCL solar panels good quality?

GCL solar panels show some promise of being good quality (particularly the Saturn and Gemini series) through their ranking as a top performer by PV Evolution Labs independent testing. Unfortunately at this stage their offering in Australia (if it is currently available) lacks good customer support.

Do solar panels stop working after 25 years?

After 25 years, solar panels will be less efficient and produce less power. This doesn't mean your solar panels will stop working, but they may be less effective at powering your home and lowering your energy savings. When panels degrade to the point where they no longer produce power, they're ready to be recycled.

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