

MERLIN

Why CIGS?

These panels are the result of several years of research by academics within the solar industry.

After conducting initial trials these PV panels have become the standardised solar solution for the Welsh Ambulance Service and Wilker Group.

1 CIGS Technology

CIGS create a solar solution that works in the harshest environments such as low-light, cloudy days and shading from buildings.

2 Performance Matters

Compared to conventional crystalline panel's with a three bypass diode structure, we incorporate bypass diodes into every other cell giving a batter overall efficiency even when covered by shadows or shading.

3 Tough & Robust

Unlike traditional crystalline solar panels, CIGS is the perfect solution for use on vehicles as it will not microfracture or shatter and with our ETFE top coating, the MiPV panels will remain clean and functional.

4 No Downsides

With a bonded profile of less than 3mm and with a weight of less than 1kg PMS, our panels are the perfect solution for use on large fleet vehicles. No drag, no wind noise and no loss of MPG.



**Built to work,
no matter the
conditions.**

“Since installing our CIGS solar panel we have not had to use an electric hook-up at all!”

Clyst Court, Hill Barton Industrial Estate, Exeter,
Devon EX5 1SA, United Kingdom
Contact us - 01202 697 797

