

Albion Square Glass Canopy Woking



A good example of a multi-purpose installation for the public sector; providing renewable electricity, shading and shelter.

PV Systems have designed and installed a good example of a multi-purpose PV installation for the public sector. The canopy covers the bus stops and the public square in front of Woking railway station.

This landmark canopy provides renewable electricity, shelter and shading whilst allowing natural light into the area. The canopy is 34 metres long and 22.5 metres wide. It consists of three 20-metre high steel masts, coupled with 11 six-metre high secondary columns.

The glass canopy is 9.5 metres off the ground and is supported by steel suspension cables. The roof includes over 35,000 high efficiency photovoltaic cells, laminated in 272 triple glass panels, having a peak electrical output of 73 KWp. The system is connected to the grid via 15 Fronius IG Inverters.

Name of Project	Albion Square Glass Canopy
Location	Woking
System	272 Triple Glass sandwich solar panels with high efficiency cells
Output total for site	Approx. 73kWp
Connection	Via 15 Fronius IG Inverters
Client	Gleasons Construction for Woking Borough Council
Date of commissioning	April 2007

