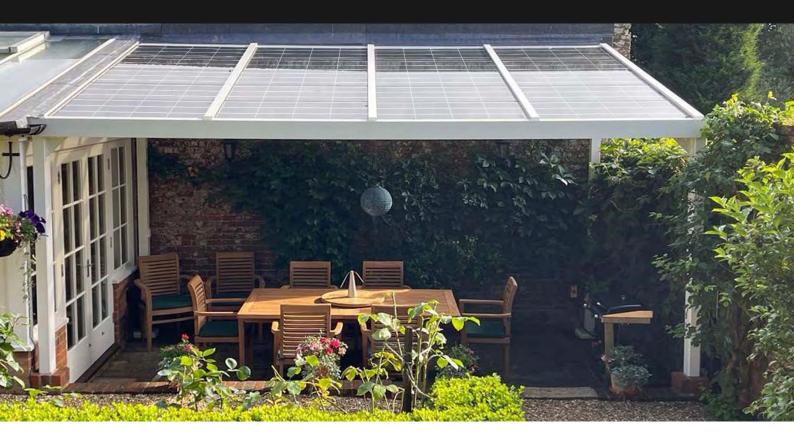
approved by

octopus real estate

Introducing an off-roof Overhead Solar Glazing Solution that delivers Superior Power where it's needed most

Complete Care Home Solar PV Glass Energy Solutions.

Solar Glazed Verandas | Solar Glazed Covered Dining Areas | Solar Glazed Carports



A covered outdoor space with numerous applications including:

- Covered Walkway Main Entrance Shelter Covered Outdoor Social Area

Product Benefits

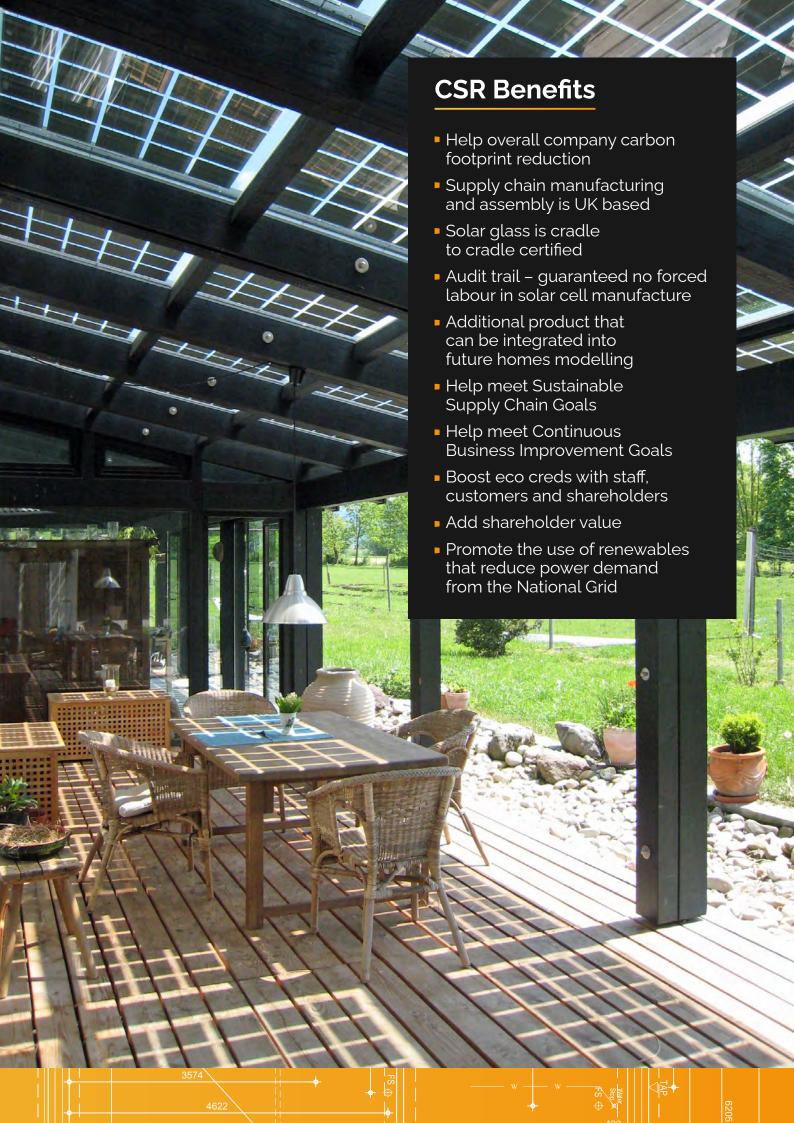
2 in 1 Overhead Solar Glazing - PowerGlaze ORS420

- 420 watt bi-facial semi-transparent Solar Glass super panel the most powerful in UK market today
- A substantial additional source of renewable solar power that also has numerous social and health benefits
- Gives all year round outdoor protection for use as social garden canopy, linked walkway, garden healing space or main entrance cover
- Greatly benefits mental health, encourages movement and provides safer socialising areas
- Gives 100% UV protection and mitigates the sun's heat to provide comfortable relaxing space
- Can also be used for outdoor equipment cover, vaping area, bike shed and car park covers
- Improved EPC will also increase residual property value as well as reducing bills
- Modular system can be scaled to suit any property
- Access cheaper finance interest rates for green new build developments through the Greener Homes Alliance, plus cheaper energy through Octopus Flexi Tariffs
- Reduces CO₂ and greenhouse gas emissions
- Improves energy usage and efficiency
- Fireclass A1 to IEC61730 Rating
- 30 year Solar Glass Product and Performance Warranty

Description	Size	Kw Peak	Kw Daily	Kw Annual	Price From (£)	Install Price (£)	Estimated Annual Saving (£)*
12 Panels 6x2 Array	6.8m x 3.6m	5.04	11.9	4349	16,000	5,250	2,650
18 Panels 6x3 Array	6.8m x 5.5m	7.56	17.87	6524	21,500	5,250	3,850
21 Panels 7x3 Array	7.9m x 5.5m	8.82	20.85	7611	24,000	5,750	4.350

Price based on aluminium powder coated framework, 4 or 6 posts, ORS 420W semi-transparent solar PV glass roof system with 8% light transmission (also available in oak). Install price includes mechanical and electrical installation, grid-linked invertor and certification. *Saving based on 50p Kw/H.





Technolo	gy package	Installation package		
Part	Description	Part	Description	
Solar ladders	Solar glass is structurally bonded prewired and FAT, IP68 rating	Building, Groundworks	Preparation, levelling, setting out, building works, entry/egress, make good	
Superstructure	Front and back legs, side frame, RAL 7016 Coastal spec. Matt Gloss, levelling plates and chemical fix bolts	Glazing, trim, mats	Trim finishing to conceal DC cabling, clean sight lines, sealing	
Inverter	Solis/Huawei/GivEnergy or other	Mechanical install	Safe mechanical lifting operations, assembly	
Generation meter	Compatible inc.	Electrical install	Accredited third party electrical install, testing	
DC strings	Staubli inc. branch, crimped, tested	Trenching, isolation, trunking	Junction boxes containment, cable tray, protection, reinstatement	
O&Ms warranty	10 years product	DNO, NICEIC and MCS Certification	DNO clarifications, amendments, NICEIC and MCS certification	
		Guttering	Guttercrest - Ogee fixings and downpipe. Available as upgrade	
		Quality	Drawings, install sign off,	





check list

approved by OCTOPUS real estate

PowerGlaze ORS420 - Power where it's needed most

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