



Introducing a 2-in-1 Overhead Solar Glazing Solution that delivers endless Renewable Power plus additional Covered Space to drive extra Revenue and Footfall

The PowerGlaze ORS.

Complete Solar PV Glass Energy Solution.

Product Package

Solar Glass	370w – 435w semi-transparent solar pv glass panels in a range of transparencies
Solar Ladders	Solar glass is structurally bonded, prewired with hidden cables and factory tested into aluminium outer frame
Super Structure	Architectural steel or aluminium superstructure designed to enhance your solar glass roof. All RAL or specialist finishes such as marine available
Foundation Sets	Pre-assembled, each to 250 kg capacity
Groundworks	Preparation, levelling, setting out, building works, making good
Glazing and Lighting	Trim finishing to conceal DC cabling, clean sight lines, concealed electrics, sealing and testing
Electrical Installation	Accredited Electrical installation, inverter connection to mains, testing and certification
Ancillaries	Lighting, guttering, retractable blinds, planters, overhead fans can be offered



PowerGlaze ORS - Power where it's needed most

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A covered outdoor space with numerous applications including:

- Restaurant area
- Covered outdoor social space
- Walkways/Entrances/Atriums

Product Benefits

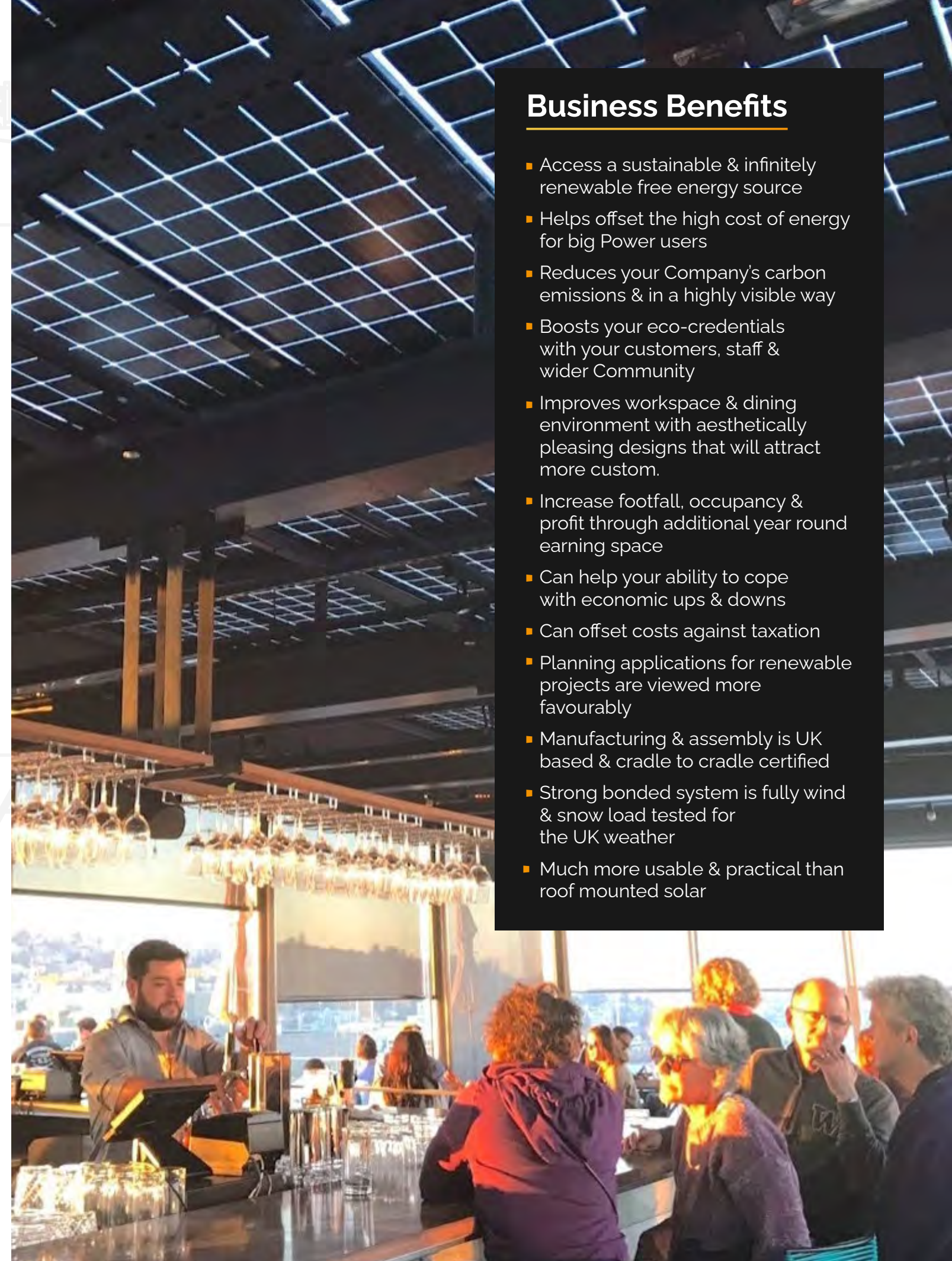
2 in 1 Overhead Solar Glazing

PowerGlaze ORS - Harvest the Power of the Sun

- State of the art 370 - 435 watt bi-facial Semi-Transparent Solar Glass super panelsm- the most powerful in the UK market today. Available in varying transparencies to suit situation and power needs.
- Perfect for outdoor drinking and dining spaces, it's an additional source of renewable power that provides cover whilst producing large amounts of power.
- Integrate into existing building for use as additional Restaurant space, Outdoor Social area, covered walkways/atriums Entrances or shopping sites.
- The high powered semi-transparent super adaptable Solar Glass works in daylight, not just sunlight and it doesn't need to be South facing or at 45 degrees.
- Bonded into an aluminium frame, it's strong, wind and snow load tested and virtually maintenance free. Strong enough for air and rail applications too - the super structure can be steel or aluminium.
- Gives up-to 90% UV protection and filters out the sun's heat to give comfortable, relaxing, healthy seating and safer Public areas.
- Increases the property asset value.
- The modular system can be scaled to any building to reduce CO₂ and greenhouse gas emissions.
- Not only reduces Energy bills, the PowerGlaze ORS helps improve Energy Usage and Efficiency and can be combined with a smart battery system.
- Access cheaper energy tariffs from energy providers eg Octopus Energy.
- Fireclass A1 to IEC61730 Rating.
- 30 year Solar Product and Performance Warranty.

Example Restaurant Investment

- 57 Sq mtr 10.5m x 5.7m Semi Transparent Canopy would be c. £45k Fully installed including Ground Screw Foundations.
- This will produce on average 11.74 KwP giving you 34.88kwh daily average with up to 12,732kwh Annual.
- This would generate c. £3950 free Electric every year at today's commercial prices
- With the annual increase in energy costs factored in, the canopy pays for itself in 8.5 years.
- The additional 30 restaurant covers under the canopy could deliver an additional £60 turnover per cover per day @ 75% occupancy and 2 sittings per day thus increasing the speed of offset.
- Additional gross profit of 50-75% per cover helps offset the original investment sooner, redeem the investment cost and continue the on-earning potential of each additional cover.



Business Benefits

- Access a sustainable & infinitely renewable free energy source
- Helps offset the high cost of energy for big Power users
- Reduces your Company's carbon emissions & in a highly visible way
- Boosts your eco-credentials with your customers, staff & wider Community
- Improves workspace & dining environment with aesthetically pleasing designs that will attract more custom.
- Increase footfall, occupancy & profit through additional year round earning space
- Can help your ability to cope with economic ups & downs
- Can offset costs against taxation
- Planning applications for renewable projects are viewed more favourably
- Manufacturing & assembly is UK based & cradle to cradle certified
- Strong bonded system is fully wind & snow load tested for the UK weather
- Much more usable & practical than roof mounted solar