



ENERGY PRODUCTION
FOR GENERATIONS

SUSTAINABLE & GREEN ARCHITECTURE & BUILDING WITH NOVERGY BIPV SOLAR





A NEW APPROACH TO BUILDING INTEGRATION WITH SOLAR PHOTOVOLTAIC.

Building Integrated Photovoltaic is a new type of building material, which provides green energy as well as building preservation.

Apart from generating electricity, BIPV modules also provide lower solar heat gain. They are available in different dimensions, thicknesses, shapes and colours.

Novergy BIPV solutions make it possible to make sustainable buildings and green building without compromising on your architectural ideas.

The result is the natural and yet impressive everyday integration of solar solutions in your design & architecture.



Range of Technology options to match your project requirements



Range of colours to match your project requirements



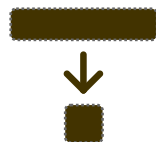
Range of dimension & thickness to match your project requirements



Usages- On Facade, Roof, Canopy, Parking Lot, Window, Shelter, Balcony Etc.



With our very high efficiency technology you can generate more power per sq.mtr.



Extremely low degradation



Excellent performance in low light conditions



5 years warranty against any manufacturing defects



Achieve green building & sustainable architecture



Make your building power self-reliant



Double Glass PV Crystalline series

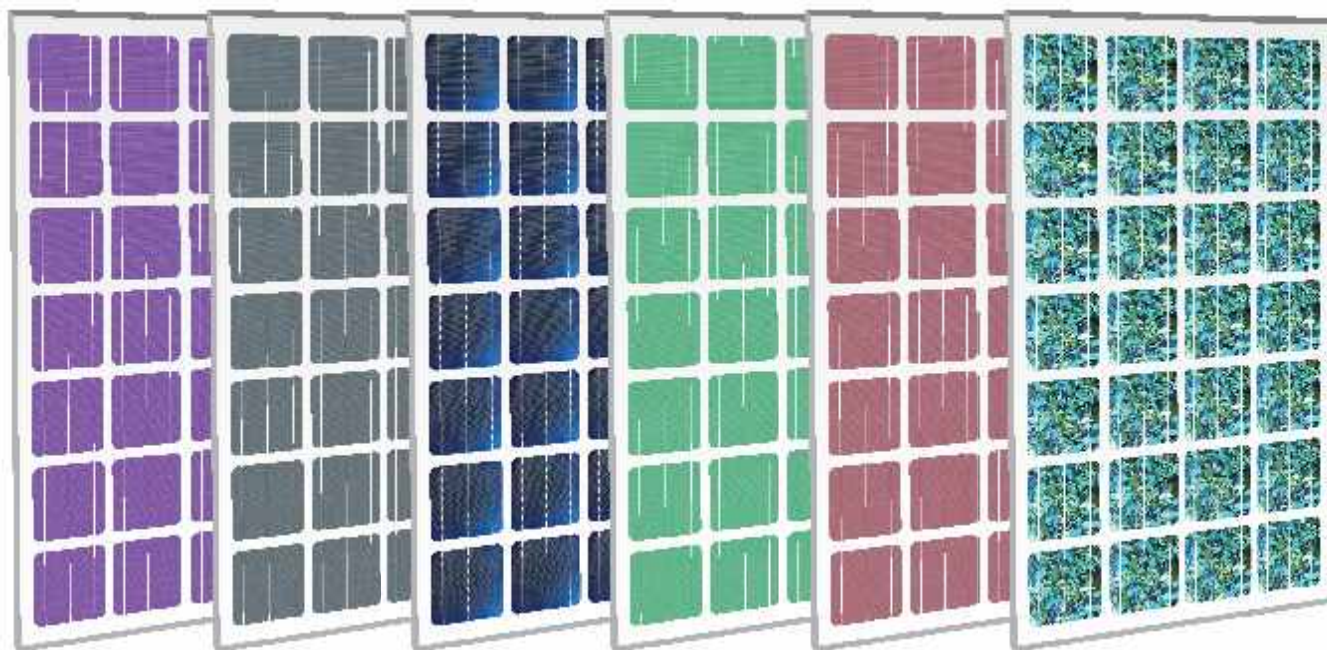
Double glass PV modules are solar modules with glass on both front and back sides. They are ideally suited for architectural & solar integration in building design.

These are available in partial transparency and opaque options to match any kind of project or design requirements.

Partial transparency of Solar Modules lets in natural light along with producing electricity of solar cells making them Ideal for roof, facade, canopy, parking lot , window, shelter, balcony and other applications.

Moreover, these products functions as a heat shield preventing excessive solar heat gain on the building.

With the advent of double glass crystalline modules are can also replace window panels on the south/south east/south west side of building or on any roof top area, Further they can also be customised depending on the quantity and project, making it an architect's & designer's delight !!



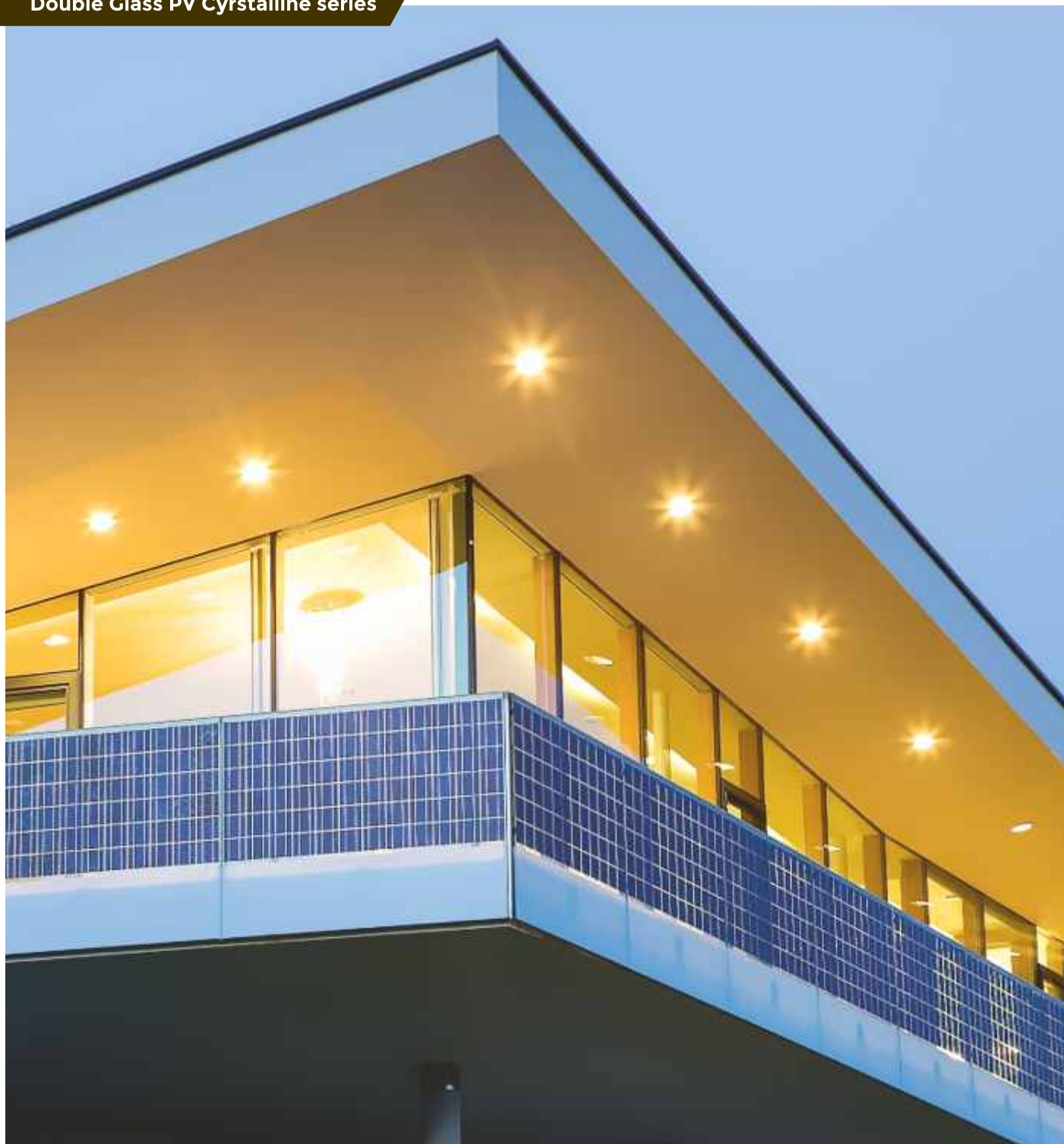
Technical Specifications

Models	NDGCPV-A	NDGCPV-B	NDGCPV-C
Construction	Double Glass (laminated with exterior toughened glass)		
Solar Cells	Poly Crystalline silicon 156 x 156 mm		
Dimensions (mm)	1342 x 992	1658 x 992	1978 x 992
Thickness (mm)	6 / 7.5 / 9.1		
Wattage	Different options ranging from 200w to 350w		
Transparency **	0% to 40%		
Junction box	Option of edge type or back side type		
Operating temperature	-45°C to +85°C		
Relative Humidity	0 to 95% NC		
Colour Options	Blue Knight, Forest Crystal, Lavender blossom, Grey Stone, Brown Teak, Green Leaf		
Possible Applications	Facade, Roof, Canopy, Parking Lot, Window, Shelter, Balcony etc.		

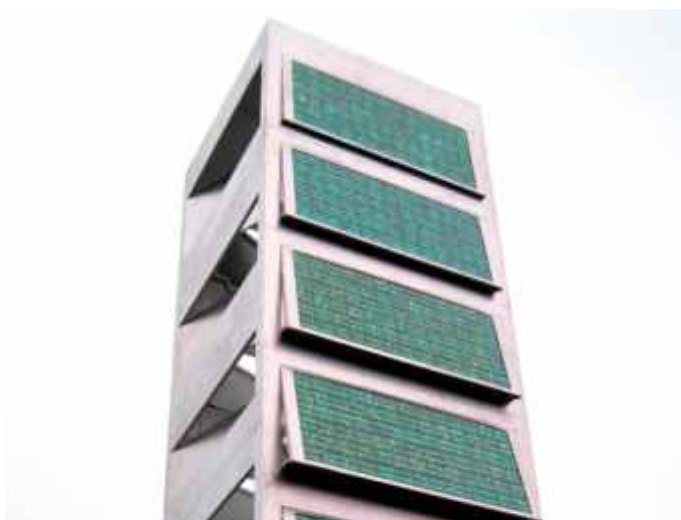
**Other options are also possible based on larger quantity on project based on requirements.

Specifications, product shape, look are subject to change without prior notice.

Double Glass PV Crystalline series



Double Glass PV Crystalline series



Double Glass PV Crystalline series







See Through PV Glass Series

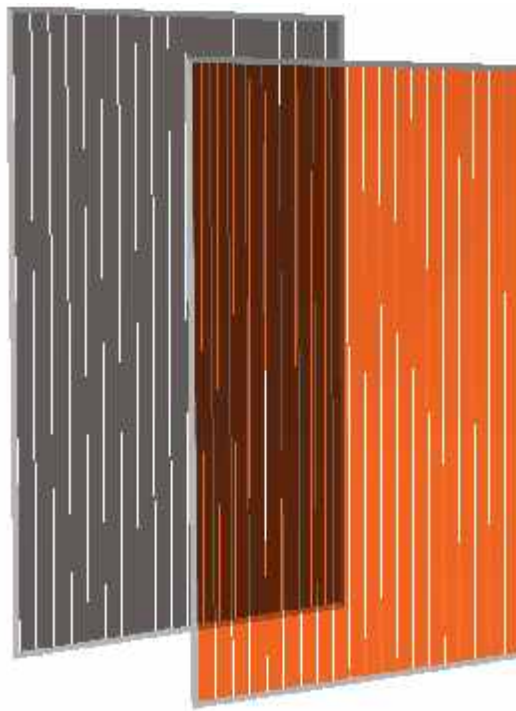
Presenting India's first see-through active solar glass that can turn a facade, roof, canopy, parking lot, window, shelter, balcony into a source of smart, clean, natural energy.

See-through Solar panel is a high performance glass which can generate infinite and clean electric power through photovoltaics.

Moreover, the glass functions as a heat shield preventing excessive solar heat gain.

See through is a new building material that strikes a balance between environment friendliness and a high level of comfort to building occupants.

See through is a prime example of a futuristic technology available today.



Technical Specifications

Models	NSTPV-80	NSTPV-90	NSTPV-100	NSTPV-130
Construction	Double Glass (laminated with exterior toughened glass)			
Dimensions (mm) **	1400 x 1100	1300 x 1100	1400 x 1100	1400 x 1100
Thickness (mm)**	7 (3.2 + 3.2) / 8.9 (4 + 4) / 11 (4 + 6)			
Wattage (Wp)	80	90	100	130
Weight (kg)	32	24	32	32
Transparency**	15%	20%	1%	1%
Reflection	7%	10%	7%	7%
Absorption	70%	67%	70%	70%
Direct transmission	28%	23%	21%	15%
Shading coefficient	0.54	0.51	0.50	0.32
Junction box	Option of edge type or back side type			
Operating temperature	-45°C to +85°C			
Relative Humidity	0 to 95% NC			
Colour Options	Brown, Dark Grey			
Possible Applications	Facade, Roof, Canopy, Parking Lot, Window, Shelter, Balcony etc.			

**Other options are also possible based on larger quantity on project based on requirements.

Specifications, product shape, look are subject to change without prior notice.



See Through PV Glass Series





PV ColorShine (Opaque) series

Novergy colour treated glass for Photovoltaic applications involves the application of highly efficient and environmental friendly nanotechnology surface treatments optimized for PV.

Colorshine series offers vast new opportunities combining full architectural design flexibility and unparalleled panel aesthetics with optimum panel performance for solar building integration.

With coloured solar panels and tiles of all shapes, colours and sizes can be integrated on facade, roof, canopy, parking lot, window, shelter, balcony of all types of buildings, be it a private residence, a commercial complex or a high rise construction.

Architects, builders and system integrators are no longer limited by aesthetic considerations when considering integrating solar technology. The total surfaces now available for the use and integration of solar panels is greatly increased resulting in improved overall building energy efficiency and total return on investment. An environmentally responsible and win/win solution for all.



Technical Specifications

Model	NCSPV
Construction	Double Glass (laminated with exterior toughened glass)
Solar Cells	Crystalline Si Cells
Front Glass	Extra white toughened glass with coloured coating
Frame	Anodized aluminium (black)
Dimensions**	1559 x 1046 mm (standard size)
Thickness (mm) **	7.5
Weight (kg)	18.6
Junction box	Option of edge type or back side type
Operating temperature	-45°C to +85°C
Relative Humidity	0 to 95% NC
Colour Options	Sky blue, terra-cotta, orange, green, turquoise, grey, yellow
Possible Applications	Facade, Roof, Canopy, Parking Lot, Window, Shelter, Balcony etc.

**Other options are also possible based on larger quantity on project based on requirements.

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PV ColorShine (Opaque) series







Get green & sustainable architecture from Solar.
Contact a Novergy Expert Today!

Write to enquiry@novergy.net | info@novergy.co.in

Visit us at novergy.co.in