



GermanSolar
The Partner for Your Solar Lifetime

BIPV SERIES

BIPV COLORFUL SOLAR PANELS

GermanSolar BIPV Series design brings elegance to your building.

The design can be used in a wide variety of applications, such as facades, rooftops, canopies, parking structures, and balconies. The color and specifications can be customized according to your needs.



3 TYPES OF BIPV SPECIFICATIONS

These are available in a variety of colors, dimensions, thicknesses, and shapes to meet any project requirement.



Double Glass Series

Available in partial transparency or opaque options



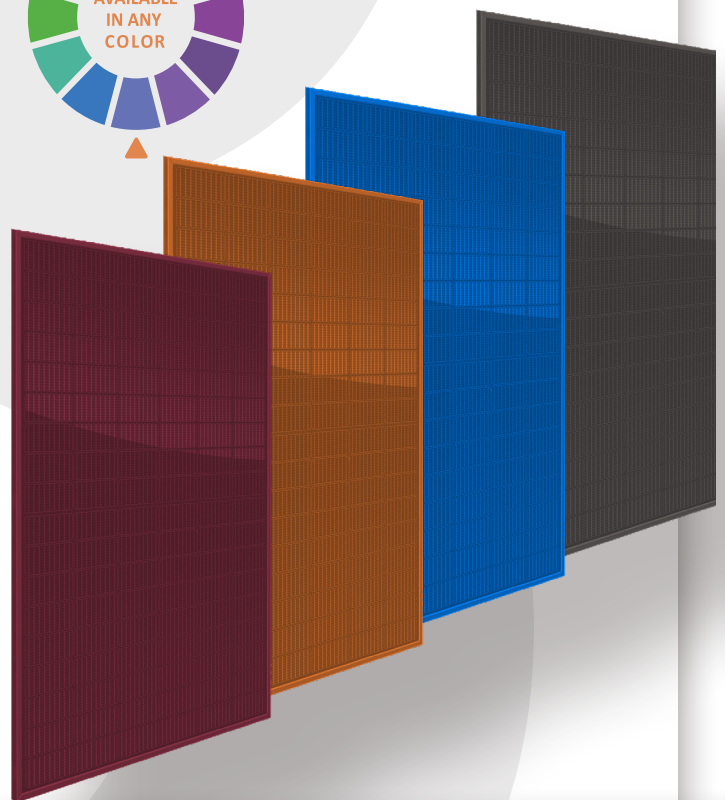
See-Through PV Glass Series

A semi-transparent range of panels



PV Colorshine (opaque) Series

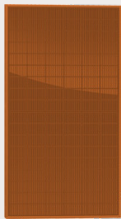
Replacement for standard color-coated glass



APPLICATION SCENARIO



ELECTRICAL DATA *

Color	Gray	Blue	Red	Orange
Illustration				
Light Transmittance(%)	80			
Nominal Max. Power (Pmax)* (W)	350			
Open Circuit Voltage (Voc) (V)	38.30			
Short Circuit Current (Isc) (A)	11.50			
Max. Power Voltage (Vmpp) (V)	32.90			
Max. Power Current (Impp) (A)	10.65			
Module Efficiency (%)	17.92			
Power Tolerance (%)	± 3			
Power Temperature Coefficient γ	-0.34 % / °C			
Current Temperature Coefficient α	+0.04 % / °C			
Voltage Temperature Coefficient β	-0.24 % / °C			

*STC: Irradiance 1000 W / m², cell temperature 25 °C, AM = 1.5, Tolerance of Pmax is within + / - 3 %.

NOCT **

Color	Gray	Blue	Red	Orange
Nominal Max. Power (Pmax)* (W)	284.8			
Open Circuit Voltage (Voc) (V)	38.8			
Short Circuit Current (Isc) (A)	9.18			
Max. Power Voltage (Vmpp) (V)	33.50			
Max. Power Current (Impp) (A)	8.50			
NMOT (Nominal Module Operating Temperature) (°C)	41°C ± 3°C			

* NOCT: Irradiance at 800 W / m², ambient temperature 20 °C, Wind Speed 1 m / s. AM = 1.5.

MECHANICAL DATA

Dimensions (mm)	1722 x 1134 x 30
Weight (kg)	24.2
Solar Cells (mm)	Mono 182 x 91
Front Glass	2.0 mm glass
Back Glass	2.0 mm glass
Junction Box	IP68, 3 diodes
Cables	1200 mm in length (customizable) / UV resistant
Connectors	MC4 original / MC4 compatible

OPERATING CONDITIONS

Max. System Voltage (V)	1500
Operating Temperature (°C)	-40°C ~ +85°C
Max. Series Fuse Rating (A)	30
Front Side Maximum Static Loading (Pa)	5400
Rear Side Maximum Static Loading (Pa)	2400

PACKAGING

Panels Per Pallet (pcs)	36
Pallets Per Container (pcs)	26
Panels quantity per 40' container (pcs)	936

LINEAR PERFORMANCE WARRANTY

12 Years Product Warranty | 25 Years Performance Warranty

