



TECHNOLOGY LEADER IN PHOTOVOLTAIC COMPOSITE FRAMES

Photovoltaic composite frame is a new type of frame application, mainly composed of polyurethane and glass fiber, produced by pultrusion process.

CHARACTERISTICS OF COMPOSITE FRAME



Ultra Low Carbon



Corrosion Resistance



Insulated and PID-resistant



High Strength



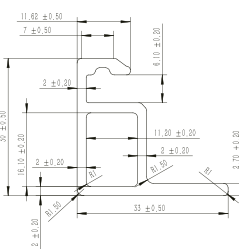
Natural Black Aesthetics

Frame	Al	GFRP	Advantages
Corrosion Resistance	×	✓	Can be used in salt spray environments such as sea surface photovoltaics and mudflats.
Weather Resistance	✓	✓	/
Mechanical Properties	250Mpa	≥1000Mpa	Higher load resistance
Thermal expansion Coefficient $\mu\text{m}/(\text{m}^{\circ}\text{C})$	23.2	4	GFRP is closer to glass, less deformation at low temperature
Carbon emission T/CO ₂	24.2	3.7	Favorable certification of low-carbon and ultra-low-carbon modules, reduce carbon tax
Insulation Property	Conductive	Insulated	No grounding required, excellent anti-PID
Flame retardancy	/	V1	/
Density	2.7g/cm ³	2.1g/cm ³	Lightweight modules development
Coating Thickness	10 μm	30 μm -50 μm	Both wear and slip resistance

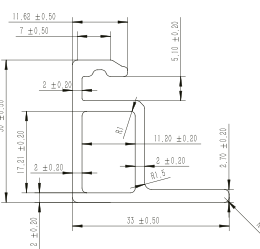
PRODUCT SPECIFICATION



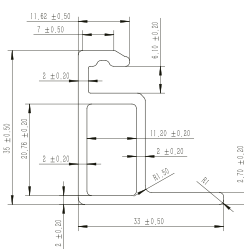
B30 Double Glass



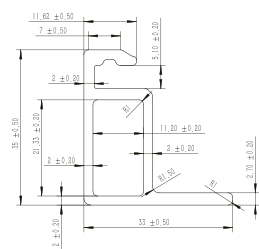
B30 Single Glass



B35 Double Glass



B35 Single Glass



ABOUT US

World's First TUV Certificate for Composite Frame.



Ultra-low Carbon Emissions



World's First Class A Fire Certificate for Composite Frame



- ☆ Management team with 20 years of experience in the PV new materials industry.
- ☆ More than 30 patented intentions for composite frames.
- ☆ Chief editor of PV composite frame industry standard in China.
- ☆ No.1 in composite technology.
- ☆ No.1 in capacity and production.

EMPIRICAL CASES

Centralised Photovoltaic Power Station, Sanya



Sea Surface Photovoltaic Power Station, Yantai



Commercial and Industrial Rooftop Distributed Photovoltaic Power Station, Xuzhou



Commercial and Industrial Rooftop Distributed Photovoltaic Power Plants, Changzhou



Ground-mounted Photovoltaic Power Station, Yinchuan

MAIN PARTNERS



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