



SOLAR FACADE

Imagine Powertree's Solar Facade is a building-integrated photovoltaic system that converts building exteriors into clean energy-generating surfaces. It combines modern architectural design with advanced solar technology, efficiently utilizing vertical spaces. Suitable for new constructions and retrofits, it produces renewable power without extra land while improving energy efficiency and supporting lowcarbon infrastructure.

BENEFITS



Significant
heat reduction



Enhances
building
aesthetics



On site clean
energy
generation



Colour options
available



Sustainable
Development Goals
SDG 7, SDG 9
SDG 11, SDG 12
SDG 13



Reduces
electricity
bills

Applications



Hospitals & Institutions



IT Parks & High rises



Commercial buildings



Transport Infrastructure

Variant



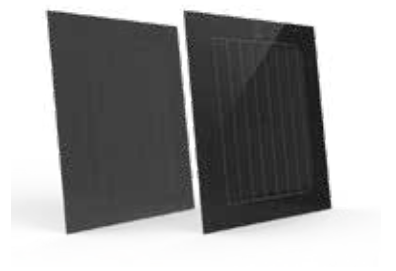
Semi-transparent BIPV modules



Colored glass modules



Terracotta modules



Full black modules

Why Choose Us?



Energy-Generating Architecture

Facades that actively produce clean solar power while serving as the building envelope.



Design-First Integration

Seamlessly blends with modern architecture, offering customizable colors and façade patterns.



Thermal Performance Advantage

Reduces heat gain and improves overall building energy efficiency.



Space-Efficient & Scalable

Utilizes vertical surfaces with no extra land requirement, ideal for high-rise and large façades.



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