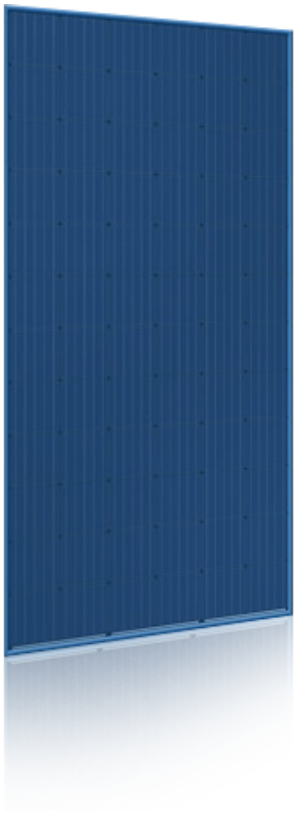
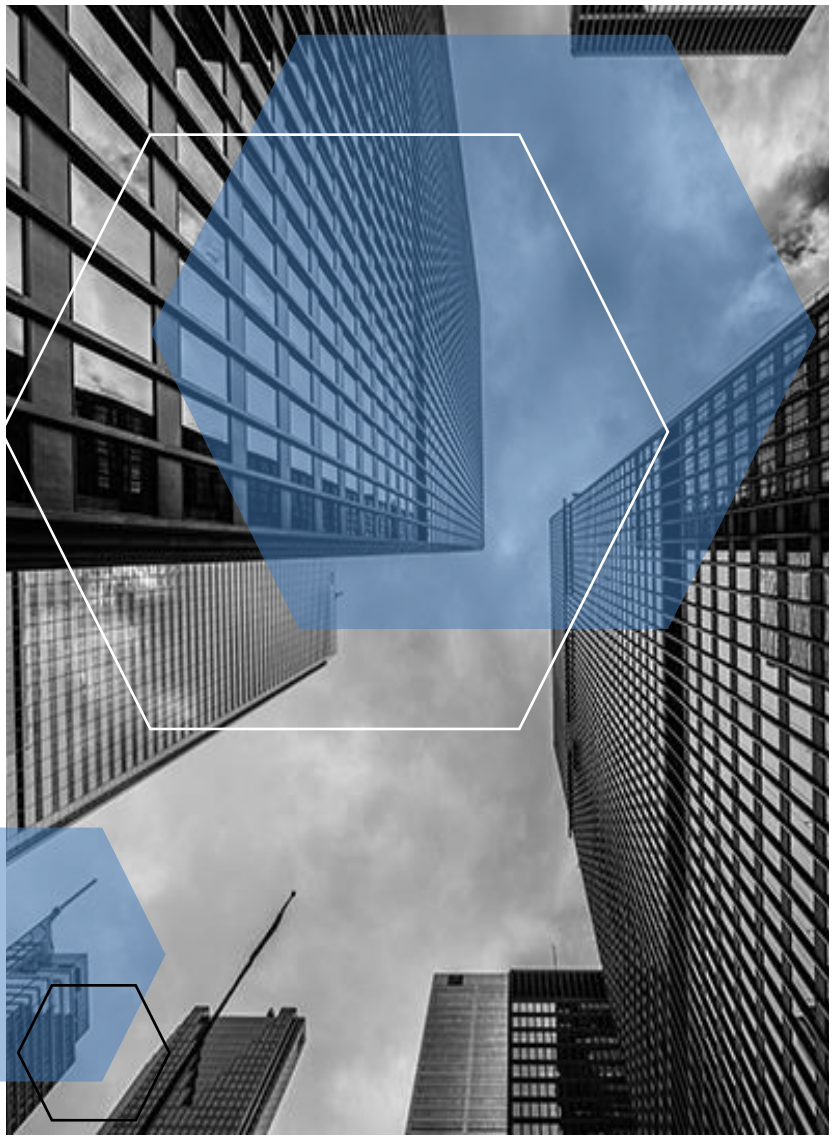
Spark Solar

Powered By The Sun

Building Integrated Photovoltaic Modules

BIPV SERIES





Advanced Glass

Our high transmission glass features a unique anti-reflective coating that directs more light on the solar cells, resulting in higher energy yield

See Through Panels

Transparent crystalline PV panels in combination with aluminium profile can easily be integrated in facades and roofs.

TRUST SPARK SOLAR TO DELIVER RELIABLE PERFORMANCE OVER TIME

World-class manufacturer of BIPV modules

- Unrivalled manufacturing capacity and world –class technology
- Rigorous quality control meeting the highest international standards
- Long term reliability test
- 2x100% EL inspection ensuring defect free modules

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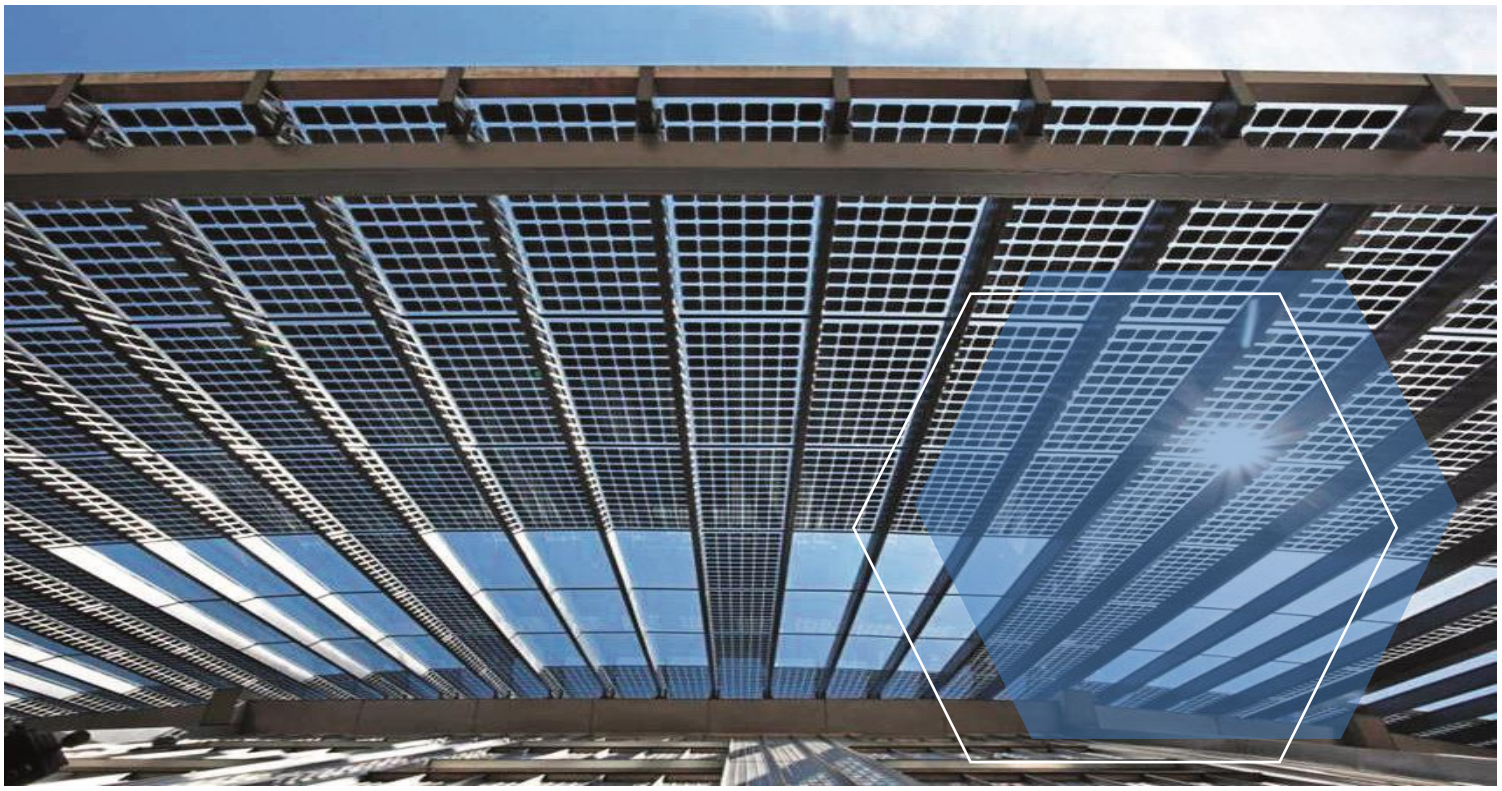

NEXT GEN BIPV

WE MANUFACTURE NEXT GEN ARCHITECTURAL SOLAR PHOTOVOLTAIC GLASS (BIPV). BY EMBEDDING PHOTOVOLTAIC CELLS BETWEEN TWO SHEETS OF GLASS, THIS RANGE OF LAMINATED SAFETY GLASS MAXIMISES A BUILDING'S ABILITY TO PRODUCE THE SAME AMOUNT OF ENERGY AS IT CONSUMES. BRINGING THE BEST OF THE WORLDS OF DESIGN AND FUNCTION TOGETHER, MODULES CAN BE DESIGNED WITH LIMITLESS AESTHETIC POSSIBILITIES AND ACHIEVE THE HIGHEST ENERGY PRODUCTION FOR SEAMLESS INTEGRATION INTO BUILDINGS. AND SINCE THIS PRODUCT REPLACES INSTEAD OF ADDING TO A STRUCTURE, IT IS ALSO COST-EFFECTIVE.

Benefits of Building Integrated Photovoltaic (BIPV)

- Green marketing value potential to qualify for LEED points
- Noise protection
- Thermal insulation (heating as well as cooling)
- Adjust light transmission by changing the distance between cells
- Electromagnetic shielding
- Aesthetic quality (integration in buildings as a design element)
- Weatherproof (waterproof and windproof façade or roof of a building)
- Sun protection/ shadowing