Introducing Solaires' PV Modules

Recycling light to power electronic devices using Solaires' PEROVSKITE photovoltaic technology.

Benefits

- Better absorption of indoor light compared to silicon and organic PV
- Allows for flexible, light, thin, and translucent modules

Specifications

Tuned for indoor light absorption

Power up to 1mW applications

Customizable size less than 15cm2

Applications

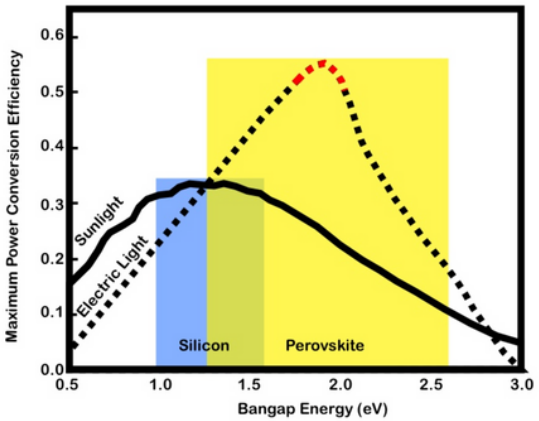
- Battery-driven indoor-operated smart gadgets
- IoT devices
- Wireless energy transmission

Manufacturing

Designed and produced in British Columbia, Canada

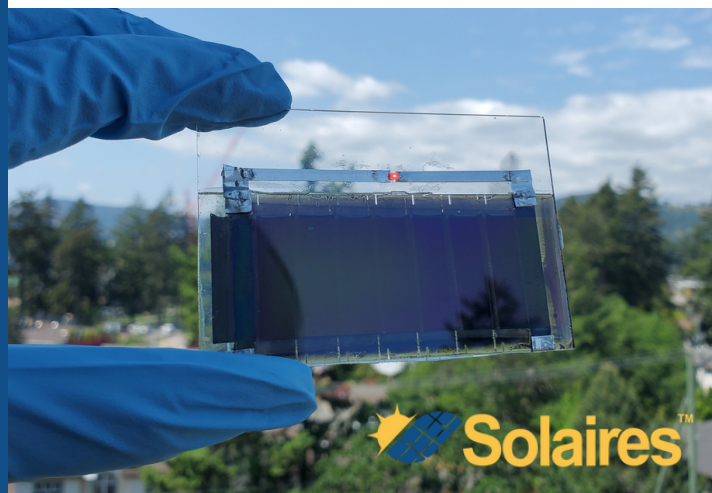
Our PV modules are produced with the highest quality chemicals and substrates, sourced from the most reputable suppliers

Why Perovskite Technology?



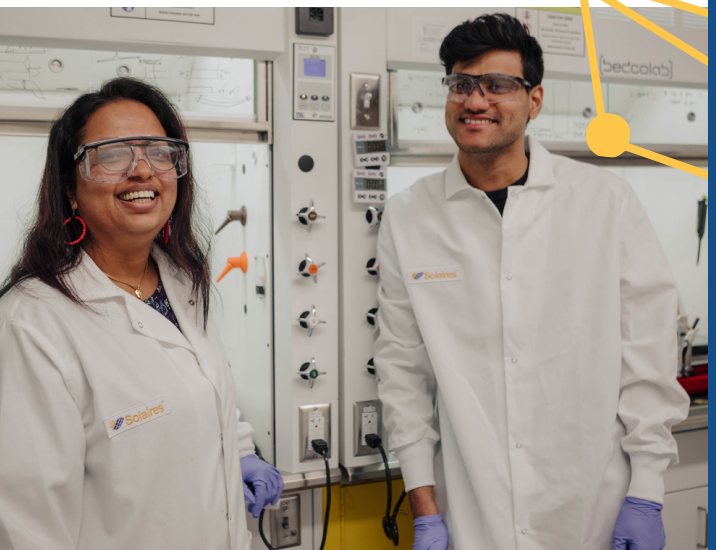
Theoretically, the best absorber materials for indoor application should have a band gap between 1.8 to 2.0 eV. That's why silicon, with a bandgap between 1.1 to 1.6 ev shows poor performance for indoor light.

Perovskite has a tunable bandgap, meaning we can adjust the bandgap to be between 1.2 to 2.6 eV by a simple solution processed component engineering. As a result we can make perovskite suitable for electric light.



Innovative Solar Cell Technology

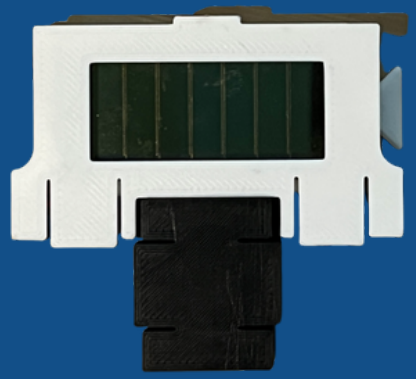
Photovoltaic solutions for a cleaner world.



About Solaires

Solaires Entreprises Inc. is a Canadian cleantech company with a single mission: enable the future of solar technology.

We are proud to enter the next-generation of solar power with our line of photovoltaic modules.



Get in Touch

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Visit Our Website
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Our Mission

To make solar energy more accessible by developing photovoltaic solutions that contribute to minimizing the planet's environmental footprint.

Our Vision

Solaires develops novel and cost-effective technology solutions that address compelling market gaps in solar energy harvesting.

Solaires™