



Electricity-Generating Windows

PeroNova's Building-Integrated Photovoltaics (BIPV) for Windows Using Perovskites!

The PeroNova Advantage Over Traditional C-Si PV Panels

30% Lower Cost - The lower manufacturing cost significantly reduces the conventionally high upfront costs associated with BIPV

Semi-Transparency and Light Weight - Solar panels with 20-30% average visible transparency means seamless integration as windows

Greater Electricity Generation - With comparable efficiencies to traditional panels but better performance under weak light conditions, PeroNova's PV panels generate more electricity throughout the day

Lower Carbon Footprint - Unlike traditional silicon panels, perovskite PV requires no high-temperature processing, reducing energy consumption in manufacturing by 60%

Our Progress

Our first **1MW production line** in LA is now fully set up and operational

5 Patents for world-class Perovskite manufacturing standards, secured from **NREL**

26% efficiency for single-junction solar cells in lab

Only **0.5%** loss in efficiency in our panels in first year

Our Team

We have officially onboarded a top-tier team of experts in perovskite technology, the solar industry, business and finance, and startups