



Power generation from both sides and all edges when photons reach the photovoltaic layer

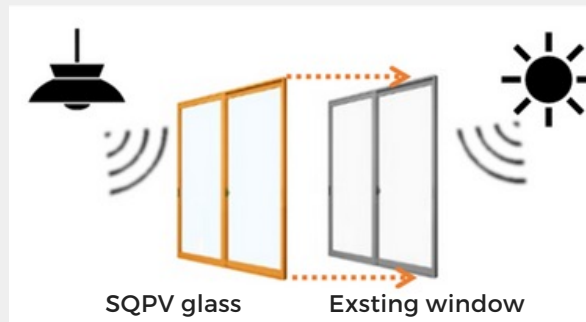
INSTALLATION CAN BE AS A STANDARD WINDOWS OR CAN BE A SECOND PANE! BOTH GENERATES ELECTRICITY AND REDUCES CARBON FOOTPRINT

- 1) Power generation + heat shielding” glass for building windows
- 2) Automobiles/ greenhouses/ exteriors, etc.
- 3) Mutual complementation with Si solar cells in the mega solar plan

INSTALLED AS EDUCATIONAL MATERIAL AT A FAMOUS SCHOOL IN JAPAN.



Retrofit windows generating power from both outdoor & indoor light sources, heat shield as well



Generate power for storage, operation of blinds and ventilation, as lights in dark...or as sensors for lights and A/C operation.

WITH OVER 70% TRANSMITTANCE RATE FOR VISIBLE LIGHT, thus, the largest generation power in world

-SQPV GLASS-

SQPV's visible light transmittance rate reaches 75% (as in multi-layer glasses)

SQPV secures visible light transmittance as the power generation layer is also transparent.

Double-sided & two-edge power generation (double-sided light-receiving power generation)

Power generation from both sides and all edges when photons reach the photovoltaic layer.

Heat shielding effect

There is also light source with heat in the illuminance range that absorption to that light source is ensured, heat shielding effect thus occurs on the opposite side to the incidence.

Power generation from both outdoor & indoor light sources

Stable and efficient power generation from light sources (sun, indoor lighting, reflected light, etc.) generated in the living environment.

**LOCAL ENERGY FOR LOCAL
CONSUMPTION**

**CHANGE NEARBY ENERGIES INTO
ELECTRICITY AT THE SITE TO
OPERATE DEVICES**



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