

Abstract: A floating solar photovoltaic system and a method for cooling a back surface of a photovoltaic panel are described.

This combination of pivoting and sliding of the solar panel assembly eliminates the need for leveling of the panel relative to other panels in the array, and allows an easy response to wind...

In this kind of photovoltaic module, the solar cells are encapsulated between protective films, such as ethylene vinyl acetate (EVA) films, and further protected by a highly transparent front ...

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In one aspect the invention relates to PV modules made from plastic while in another aspect, the invention relates to PV modules that are easily assembled into an array of PV modules without the ...

A photovoltaic panel is provided, including a plastic support sheet having a cellular core; a laminate of photovoltaic cells fixed to the support sheet; and a plastic and/or composite frame ...

ial; J. R. Manning; G. E. Shook 1571 ABSTRACT A solar cell panel is fabricated by photoetching a pattern of collector grid systems with appropriate inter-connections and bus bar tabs into a glass or ...

All Plastic Solar Panel discloses a solar panel which is particularly made of multilayer and transparent plastic sheets, wherein said panel provides excellent solar radiation transmittance and also provides ...

A high efficiency configuration for a solar cell module comprises solar cells arranged in an overlapping shingled manner and conductively bonded to each other in their overlapping regions to ...

Given the importance of patents to protect solar IP, the rapid growth of the solar industry, and the complexity of the current patent landscape, we strongly recommend partnering with an ...

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