

A folding photovoltaic (PV) panel is described. The folding PV panel may include several subpanels interconnected by a hinge assembly. The hinge assembly may include a first section, a...

The present invention relates generally to portable equipment for military, law enforcement, aviation, personal survival, hiking, sporting, recreation, hunting, water sports, and camping applications and, ...

A foldable solar panel comprises multiple rigid cell assemblies, multiple folding cell assemblies and multiple primary flexible seams. Each folding cell assembly has two symmetric...

A photovoltaic panel assembly includes a center photovoltaic panel section having at least a first and second side photovoltaic panel sections located on each side of the center...

Abstract: A photovoltaic panel assembly includes a center photovoltaic panel section having at least a first and second side photovoltaic panel sections located on each side of the center photovoltaic ...

[0019] US2003/127125 discloses a backup power supply apparatus including a light source absorbing device. The light source absorbing element is pivotally engaged with each other and is foldable for ...

A solar panel is an assembly assembled from a plurality of solar cells, and is the core part and the most important part of a solar power generation system. To reduce a volume of a movable solar panel ...

The plurality of panels are connected to allow the collapsing of the foldable panels face-to-face, back-to-back, or other folding arrangements. The apparatus can be unfolded when desired for...

The present invention relates to a laminated foldable solar panel comprising photovoltaic modules and a minor axis of bending at the centre that divides the solar panel into two sections ...

Abstract: There is a dynamically adjustable photovoltaic (PV) system for transforming solar energy into electrical energy.

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