ABSTRACT

PHOTOVOLTAIC MODULE AND METHOD FOR PREPARING THE SAME

The embodiments of the present application relate to the technical field of solar cells, in particular to a photovoltaic module and a method for preparing a photovoltaic module, and the photovoltaic module includes multiple cell sheets arranged in an array, where each of the multiple rows of cell sheets is arranged at intervals along a first direction, each of the multiple columns of cell sheets is arranged at intervals along a second direction, and each of the multiple cell sheets has a first surface and a second surface. The photovoltaic module further includes multiple support plates arranged at intervals, where each of the multiple support plates extends along a direction in which each of the multiple rows of cell sheets is arranged or a direction in which each of the multiple columns of cell sheets is arranged, and each of the multiple support plates is arranged on the second surface of each of the multiple rows of cell sheets or each of the multiple columns of cell sheets. The photovoltaic module further includes a first flexible cover layer arranged on a side of the first surface of each of the multiple cell sheets and a second flexible cover layer arranged on a side of the each of the multiple support plates away from the multiple cell sheets. The embodiments of the present application are beneficial for improving the folding performance of the photovoltaic module.

(FIG. 1)