

Abstract

The present invention discloses a manufacturing method of a photovoltaic solar cell module, and belongs to the technical field of solar photovoltaic device manufacturing. In the present invention, a metal connecting ribbon is adopted for connecting a cell, and front and rear surfaces of the cell are designed by removing PAD dots, so that optical shielding on a surface of the cell is reduced, and the cost is reduced. The metal connecting ribbon and the cell are welded into a cell string by a jig and a manipulator and the risk of unstable connection is substantially eliminated by providing an adhesive pattern on the metal connecting ribbon of the cell string and curing. On this basis, by improving structures of the metal connecting ribbon and the jig, a laminating mode of the metal connecting ribbon and the cell, and a coating mode of the adhesive pattern, and the like, the problem that the metal connecting ribbon is likely to be separated from the cell due to uneven heating in the prior art is avoided. In addition, the requirement for an alignment degree between positions of the metal connecting ribbon and a finger of the cell is reduced, and a manufacturing process for the cell string is simplified.

[Fig. 1]