

Abstract

The present invention discloses a manufacturing apparatus for a photovoltaic cell string, the manufacturing apparatus including a feeding mechanism, a ribbon feeding
5 mechanism, a jig loading and unloading mechanism, a soldering mechanism, a coating and curing mechanism, and a cell string conveying mechanism. By means of a traction mechanism and a manipulator, multiple strands of ribbons cut to a length required by a process and two kinds of materials of a cell piece are sequentially arranged in sequence, so that the front and back sides of adjacent batteries are pre-soldered into a cell string
10 by multiple strands of ribbons in sequence; and coating adhesion points on the front and back sides of the cell string in the subsequent work flow and curing completely eliminate the risk of poor lapping, eliminating the composite film and PAD points on the front and back sides of the cell piece.

15 [Fig. 1]