



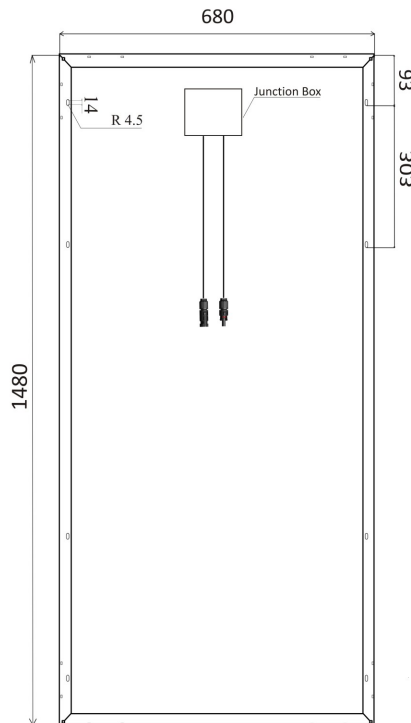
# SOLAR POWER VIETNAM TECHNOLOGY JCS

## Photovoltaic modules

# SPV150W

| Module Type  | Unit | SPV150             | SPV160  | SPV170  |
|--|------|--------------------|---------|---------|
| Rate Power (Pmp)   | W    | 150                | 160     | 170     |
| Power Tolerance  | W    | ±3%                |         |         |
| Maximum Power Pmax   | W    | 154                | 168     | 175     |
| Cells Efficiency   | %    | 17.8-18.2          | 20-20.2 | 21-21.2 |
| Minimum Module Efficiency  | %    | 15.8-16.2          | 18-18.2 | 19-19.2 |
| Voltage at Maximum Power Point Vmp   | V    | 18.58              | 18.77   | 18.96   |
| Current at Maximum Power Point Imp   | A    | 8.07               | 8,52    | 8.96    |
| Open Circuit Voltage Voc   | V    | 22.67              | 21.45   | 20.89   |
| Short Circuit Current Isc  | A    | 10.89              | 10.11   | 9.23    |
| Maximum System Voltage   | V    | 1000(TUV), 600(UL) |         |         |
| STC: Irradiance 1000W/m <sup>2</sup> , module temperature 25 <sup>0</sup> C, AM= 1.5 |      |                    |         |         |

The **SPV150W** series modules consist of 36 pcs 156 x 156 poly-crystalline high efficient silicon cells, which are individually characterized and electronically matched before interconnection and laminated with toughened glass, EVA and TPT of high quality



|                     |  |
|---------------------|--|
| External Dimensions | 1480 x 680 x 30 mm                           |
| Weight              | 12 kg  |
| Solar Cells Type    | Polycrystalline                              |
| Cell Dimensions     | 156 x 156 mm                                 |
| Number of cells     | 36   |
| Front Glass         | AR Coating                                   |
| Frame               | Aluminium                                    |
| Junction Box        | IP65   |
| Output Cables       | 4.0mm <sup>2</sup> symmetrical lengths 900mm |
| Connector           | MC4 compatible                               |

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