



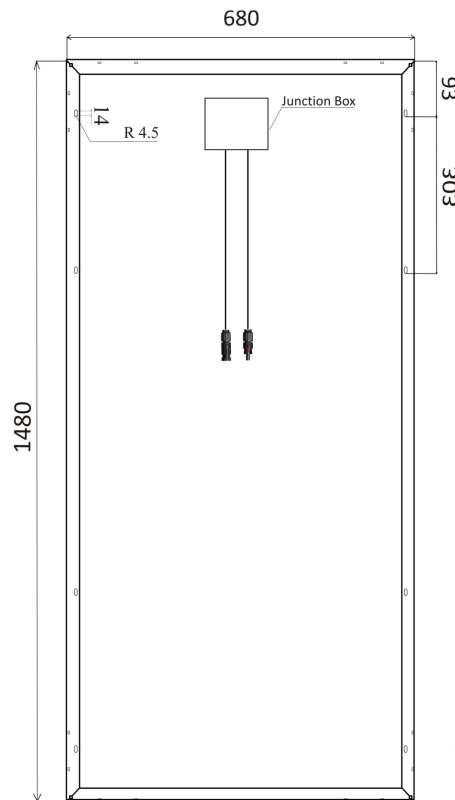
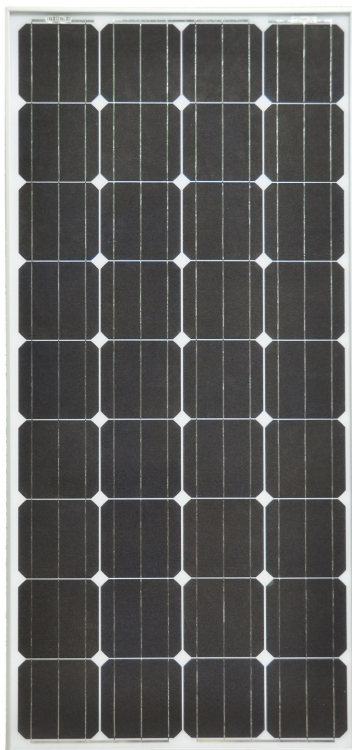
# SOLAR POWER VIETNAM TECHNOLOGY JCS

## 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 mono-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	Monocrystalline
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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