



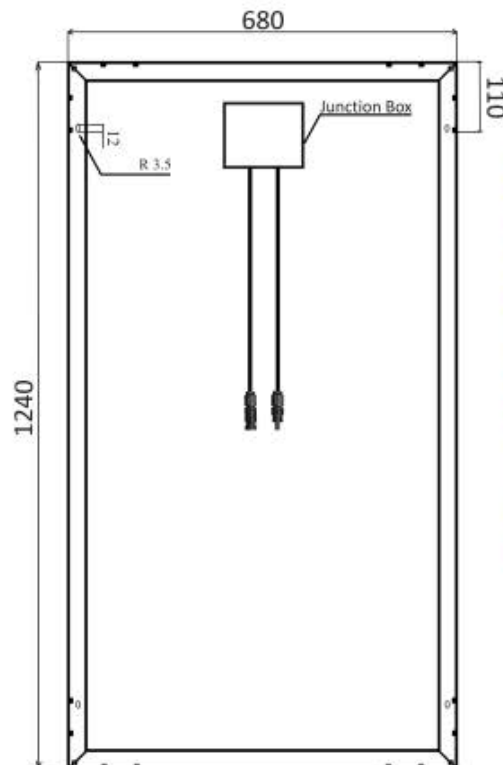
# SOLAR POWER VIETNAM TECHNOLOGY JCS

## Photovoltaic modules

# SPV120W

Module Type	Unit	SPV120	SPV130	SPV140
Rate Power (Pmp)	W	120	130	140
Power Tolerance	W	±3%		
Maximum Power Pmax	W	124	138	145
Cells Efficiency	%	17.8-18.2	20.0-20.2	21.0-21.2
Minimum Module Efficiency	%	15.8-16.2	18-18.2	19-19.2
Voltage at Maximum Power Point Vmp	V	18.23	18.42	18.61
Current at Maximum Power Point Imp	A	6.52	7.05	7.52
Open Circuit Voltage Voc	V	20.40	20.82	21.06
Short Circuit Current Isc	A	6.86	7.42	7.8
Maximum System Voltage	V	1000(TUV), 600(UL)		

The **SPV120W** series modules consist of 36 pcs 156 x 123 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	1240 x 680 x 30 mm
Weight	8.8 kg
Solar Cells Type	Monocrystalline
Cell Dimensions	156 x 123 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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