

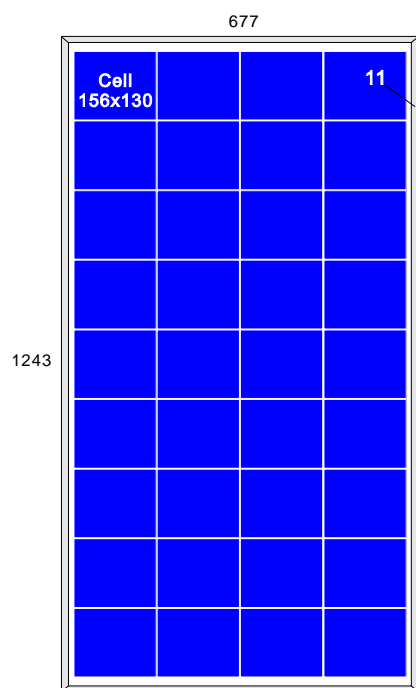
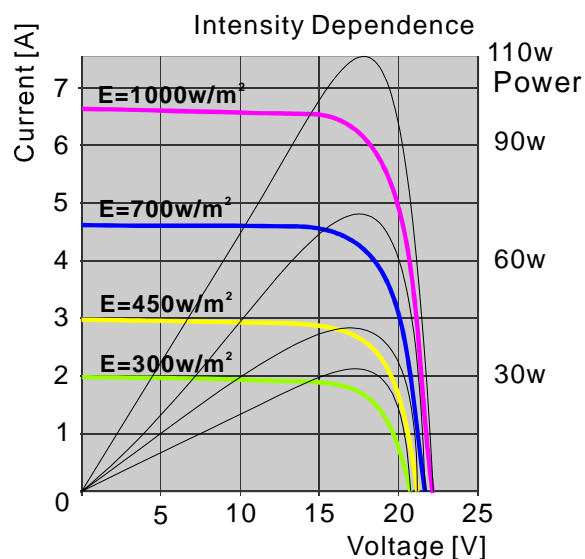


Poly-crystalline PV Module RS-P618-105~120W Series

Product Highlights

- High efficiency cell from Schott Germany for long term output stability
- Low iron high transmittance tempered glass provide more stiffness and impact resistance
- Aluminum frame designed with high mechanical strength and easy installation
- Guaranteed max. +3% Peak power tolerance
- 5 years warranty on material and workmanship
- 25 years limited warranty for minimum 80% power output

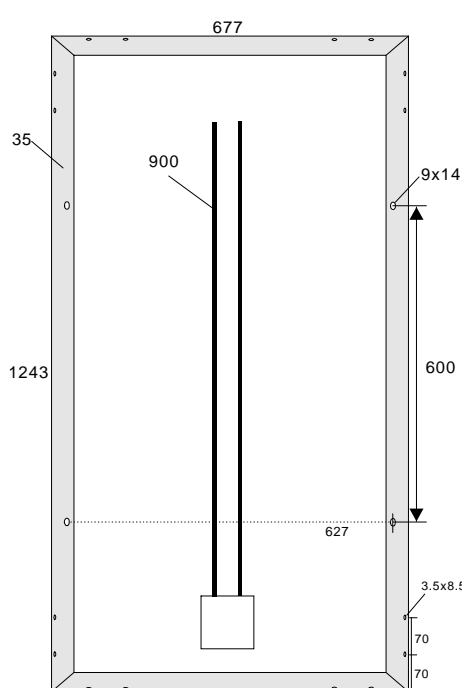
SPECIFICATION	RS-P618			
Max Power (Pmax)	105W	110W	115W	120W
Open circuit voltage (Voc)	21.63	21.99	22.14	22.28
Short circuit current (Isc)	6.44	6.72	6.99	7.26
Voltage at max power (Vmp)	17.46	17.53	17.6	17.68
Current at max power (Imp)	6.02	6.28	6.54	6.79
Efficiency (%)	14.35	15.33	15.77	16.55
Module Technology	Glass-foil-laminate with aluminium frame			
Module Design	High transparent solar glass (tempered), 3.2mm			
	Encapsulation :EVA-Solar Cell-EVA			
Type of Solar Cells	polycrystalline solar cells, 156 x 130 mm			
Array	4 x 9			
Dimensions (L x W x H) mm	677 x 1243 x 35			
Weight kg	11.5			
Temperature Coefficients	Power (Pmax) : -0.38%/K			
	Voc : -0.0792V/K			
	Isc : +0.0031A/K			
Operating Temperature	-40 ~ +80 degree Celcius			
Ambient Temperature Range	-40 ~ +45 degree Celcius			
Qualification	Comply with IEC 61215 / IEC 61730			



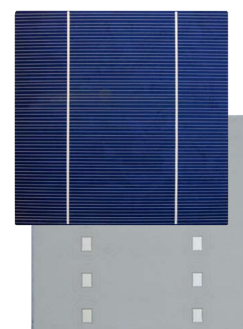
Frame Dimensions



Side view



Back View



Main ISO-Cell 156x136

SCHOTT
solar

Redsun RS-P618-105~120W Solar Panel

RED SUN ENERGY

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