

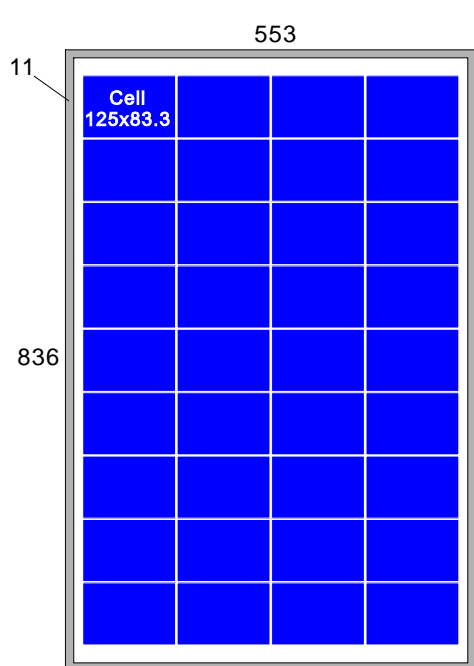
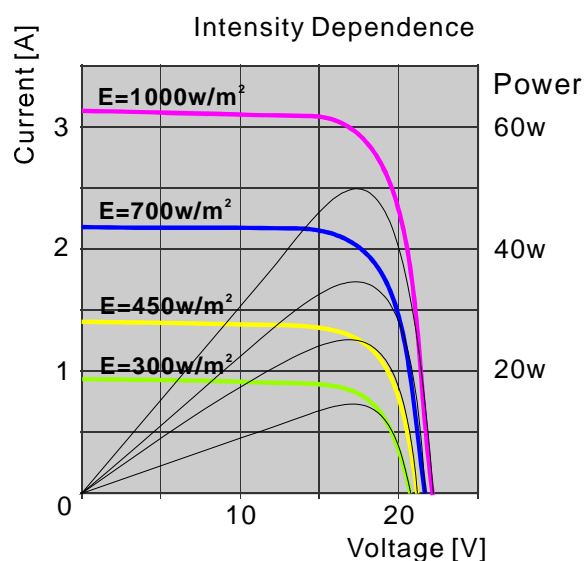


Poly-crystalline PV Module RS-P518-50~60W Series

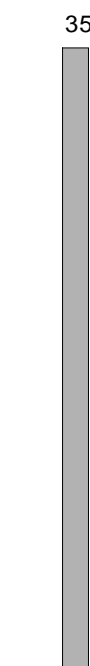
Product Highlights

- 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

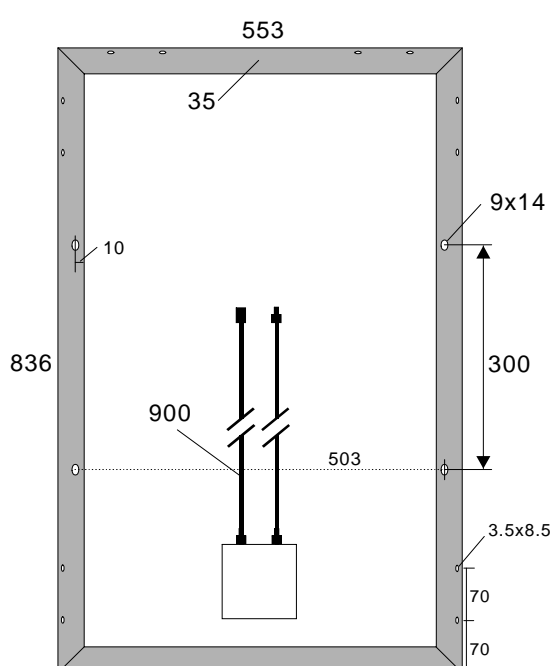
SPECIFICATION	RS-P518		
Max Power (Pmax)	50W	55W	60W
Open circuit voltage (Voc)	21.42	21.49	21.56
Short circuit current (Isc)	3.11	3.34	3.61
Voltage at max power (Vmp)	17.64	17.73	17.82
Current at max power (Imp)	2.9	3.12	3.37
Efficiency (%)	13.9	14.9	16.1
Module Technology	Glass-foil-laminate with aluminium frame		
Module Design	High transparent solar glass (tempered), 3.2mm		
	Encapsulation :EVA-Solar Cell-EVA		
Type of Solar Cells	polycrystalline solar cells, 125 x 83.3 mm		
Array	4 x 9		
Dimensions (L x W x H) mm	553 x 836 x 35		
Weight kg	5.7		
Temperature Coefficients	Power (Pmax) : -0.38%/K		
	Voc : -0.0792V/K		
	Isc : +0.0016A/K		
Operating Temperature	-40 ~ +80 degree Celcius		
Ambient Temperature Range	-40 ~ +45 degree Celcius		
Qualification	Comply with IEC 61215 / IEC 61730		



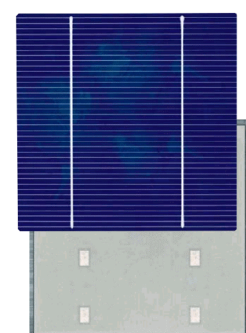
Frame Dimensions



Side view



Back View



Main ISO-Cell 125x125

SCHOTT
solar

Redsun RS-P518-50W Solar Panel

RED SUN ENERGY

JOINT STOCK COMPANY

Office : 17 Phan Phu Tien, District 5, Hochiminh City, Vietnam

Factory : C2 Duc Hoa Ha Ind. Park, Duc Hoa, Long An, Vietnam

Tel: (84-8) 626 11 071 Fax: 626 11 072 www.redsun-vn.com