

Poly 60(half) cells

250~290W



ISO9001
ISO14001
OHSAS18001



High Efficiency



8000Pa Mechanical
Load Capacity



Salt Mist Corrosion
& Ammonia Resistance



Potential Induced
Degradation Free

STC (1000W/m², module temp 25 °C, A.M.1.5)

Type	RS250P-120	RS255P-120	RS260P-120	RS265P-120	RS270P-120	RS275P-120	RS280P-120	RS285P-120	RS290P-120
Power Output	250	255	260	265	270	275	280	285	290
Maxpower Tolerance	0-5W	0-5W	0-5W	0-5W	0-5W	0-5W	0-5W	0-5W	0-5W
Module Efficiency-η (%)	15.2	15.5	15.8	16.1	16.4	16.8	17.1	17.4	17.7
Voltage MPP-V _{mpp} (V)	30.22	30.43	30.70	30.94	31.12	31.50	31.67	31.84	32.12
Current MPP-I _{mpp} (A)	8.27	8.38	8.47	8.56	8.68	8.73	8.84	8.95	9.03
Open Circuit Voltage-V _{oc} (V)	37.80	37.95	38.18	38.89	38.61	38.69	39.07	39.38	39.71
Short Circuit Current-I _{sc} (A)	8.75	8.83	8.91	8.98	9.07	9.16	9.23	9.31	9.44

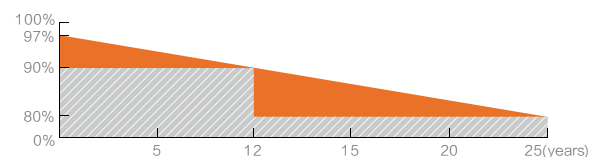
NOCT (800W/m², module temp 20°C, A.M.1.5)

Power Output	189.3	193.09	196.88	200.66	204.45	208.24	212.02	215.81	219.59
Voltage MPP-V _{mpp} (V)	27.55	27.75	27.99	28.21	28.37	28.72	28.88	29.03	29.29
Current MPP-I _{mpp} (A)	6.87	6.96	7.03	7.11	7.21	7.25	7.34	7.43	7.50
Open Circuit Voltage-V _{oc} (V)	34.34	34.48	34.69	34.88	35.08	35.15	35.50	35.78	36.08
Short Circuit Current-I _{sc} (A)	7.50	7.57	7.63	7.69	7.77	7.85	7.91	7.98	8.09

Mechanical Data

Module Demision (mm)	1655*992*40
Weight (KG)	20.0
Cable	TUV certificated 4mm ²
Glass	High transmission glass 3.2mm
Junction Box	IP68, 3 bypass diode
Connector	compitable with MC4 plug

Linear Performance Warranty



Working Conditions

Maxsystem Voltage(VDC)	1000V
Series Fuse Rating	15A
Mechanical Load	≥5400Pa
Operating Temp(°C)	-40~+85
Module Grade	A

Temperature

Temp Coefficient I _{sc} (%/°C)	0.088
Temp Coefficient V _{oc} (%/°C)	-0.352
Temp Coefficient P _{mpp} (%/°C)	-0.442
NOCT	45 ± 2 °C

10
years

Material & Craft
Quality Assurance

12
years

90% Output
Power Guarantee

25
years

80% Output
Power Guarantee