



RESUN SOLAR ENERGY CO.,LTD

Professional PV Products & Intergrated Solutions Supplier

RS6S-P 300/305/310/315/320/325P



STC	RS6S 300 P	RS6S 305 P	RS6S 310 P	RS6S 315 P	RS6S 320 P	RS6S 325 P
Nominal Maximum Power(Pmax)	300W	305W	310W	315W	320W	325W
Optimum Operating Voltage(Vmp)	36.4V	36.6V	36.8V	37.1V	37.3V	37.4V
Optimum Operating Current(Imp)	8.24A	8.33A	8.42A	8.49A	8.58A	8.69A
Open Circuit Voltage(Voc)	43.7V	43.9V	44.2V	44.5V	44.8V	44.9V
Short Circuit Current(Isc)	9.06A	9.17A	9.26A	9.34A	9.43A	9.56A
Module Efficiency	15.51%	15.77%	16.03%	16.28%	16.54%	16.80%
Operating Temperature	-40°C~+85°C					
Maximum System Voltage	1000V(IEC)/600V(UL)					
Maximum Series Fuse Rating	15A					
Application Classification	ClassA					
Power Tolerance	0~+5W					
Cell Type	Poly-crystalline 156 x 156mm,3 or 4 Bus bars					
Cell Arrangement	72 (6x12)					
Dimensions	1950 x 992 x 40mm(76.77 x 39.05 x 1.57in)					
Weight	22kg					

RS5A-M 190/195/200/205/210M



STC	RS5A 190 M	RS5A 195 M	RS5A 200 M	RS5A 205 M	RS5A 210 M
Nominal Maximum Power(Pmax)	190W	195W	200W	205W	210W
Optimum Operating Voltage(Vmp)	36.6V	36.7V	36.8V	36.9V	37.0V
Optimum Operating Current(Imp)	5.19A	5.31A	5.43A	5.56A	5.68A
Open Circuit Voltage(Voc)	44.0V	44.0V	44.2V	44.3V	44.4V
Short Circuit Current(Isc)	5.71A	5.84A	5.98A	6.11A	6.24A
Module Efficiency	14.88%	15.27%	15.67%	16.06%	16.45%
Operating Temperature	-40°C~+85°C				
Maximum System Voltage	1000V(IEC)/600V(UL)				
Maximum Series Fuse Rating	15A				
Application Classification	ClassA				
Power Tolerance	0 ~ + 5W				
Cell Type	Mono-crystalline 125 x 125mm,2 Bus bars				
Cell Arrangement	72 (6x12)				
Dimensions	1580 x 808 x 40mm(62.2 x 31.8 x 1.57in)				
Weight	13kg				

RS6C-P 245/250/255/260/265P



STC	RS6C 245 P	RS6C 250 P	RS6C 255 P	RS6C 260 P	RS6C 265 P
Nominal Maximum Power(Pmax)	245W	250W	255W	260W	265W
Optimum Operating Voltage(Vmp)	30.0V	30.5V	30.7V	30.78V	30.96V
Optimum Operating Current(Imp)	8.17A	8.20A	8.31A	8.45A	8.56A
Open Circuit Voltage(Voc)	37.2V	37.8V	37.8V	38.0V	38.14V
Short Circuit Current(Isc)	8.74A	8.85A	8.86A	8.99A	9.10A
Module Efficiency	15.06%	15.37%	15.67%	15.98%	16.29%
Operating Temperature	-40°C~+85°C				
Maximum System Voltage	1000V(IEC)/600V(UL)				
Maximum Series Fuse Rating	15A				
Application Classification	ClassA				
Power Tolerance	0 ~ + 5W				
Cell Type	Poly-crystalline 156 x 156mm,3 or 4 Bus bars				
Cell Arrangement	60 (6x10)				
Dimensions	1640 x 992 x 40mm(64.87 x 39.06 x 1.57in)				
Weight	18kg				

Data Sheet 3-150W

PEAK POWER Pm (W)	OPEN CIRCUIT VOLTAGE Voc(V)	SHORT CIRCUIT CURRENT Isc(A)	PEAK VOLTAGE Vmp(V)	PEAK CURRENT Imp(A)	SIZE(mm)	CELL NUMBER (PCS)	NET WEIGHT (kg)
RSM3P	10.80	0.39	8.73	0.34	185 x 185 x 17	18	0.34
RS M6P	11.07	0.72	9.09	0.66	290 x 200 x 17	18	0.67
RSM10P	22.14	0.60	18.18	0.55	260 x 350 x 25	36	1.16
RSM15P	22.68	0.88	18.18	0.83	340 x 350 x 25	36	1.68
RS M20P	22.14	1.20	18.18	1.10	445 x 350 x 25	36	1.68
RS M25P	22.68	1.47	18.54	1.35	540 x 350 x 25	36	2.98
RSM30P	22.68	1.76	18.54	1.62	650 x 350 x 25	36	3.96
RS M35P	22.14	2.11	18.18	1.93	415 x 670 x 25	36	3.96
RSM40P	22.50	2.37	18.18	2.20	460 x 670 x 25	36	4.80
RS M45P	18.18	3.30	18.18	2.48	670 x 540 x 25	36	4.80
RSM50P	22.68	2.94	18.54	2.70	670 x 540 x 30	36	5.00
RS M55P	22.61	3.24	18.43	2.98	670 x 600 x 30	36	5.90
RSM60P	23.99	3.34	19.70	3.05	890 x 520 x 30	36	5.90
RS M65P	24.57	3.53	20.09	3.24	890 x 520 x 30	36	6.20
RS M70P	21.78	4.29	18.18	3.85	780 x 670 x 30	36	6.30
RS M75P	22.68	4.41	18.54	4.05	780 x 670 x 30	36	6.30
RSM80P	23.96	4.51	19.80	4.05	850 x 670 x 30	36	7.00
RS M85P	22.14	5.12	18.18	4.68	1200 x 520 x 30	36	7.30
RS 5G90P	22.68	5.29	18.54	4.85	1200 x 520 x 30	36	7.30
RS 5G 95P	26.25	4.32	21.50	3.95	1200 x 540 x 30	36	7.50
RS 5G100P	22.68	5.88	18.54	5.39	1020 x 670 x 30	36	7.50
RS M110P	22.50	6.52	18.43	5.97	1140 x 669 x 30	36	8.80
RSM120P	22.14	7.23	18.18	6.60	1250 x 669 x 30	36	10.40
RSM130P	22.68	7.64	18.54	7.01	1250 x 669 x 30	36	10.40
RS6E140P	22.68	8.24	18.54	7.56	1480 x 669 x 35	36	11.50
RS6E150P	22.68	8.82	18.54	8.09	1484 x 669 x 35	36	11.50