Parameter	RS144TP 580	RS144TP 585	RS144TP 590	RS144MB 600	RS144MB 610	RS156MB 620	RS156MB 630	RS156MB 640	RS156MB 645
Power (Pm) in Watts (nominal)	580 (±2%)	585 (±2%)	590 (±2%)	600 (±2%)	610 (±2%)	620 (±2%)	630 (±2%)	640 (±2%)	645 (±2%)
Open Circuit Voltage (Voc) in Volts	51.57	51.72	51.87	54.81	55.11	55.41	55.71	56.7	56.85
Short Circuit Current (Isc) in Amps	14.18	14.24	14.3	13.95	14.09	14.23	14.37	14.69	14.76
Voltage at Maximum Power (Vmp) in Volts	42.49	42.64	42.79	45.36	45.56	45.76	45.96	45.89	45.99
Current at Maximum Power (Imp) in Amps	13.65	13.72	13.79	13.23	13.39	13.55	13.71	13.95	14.03
Maximum System Voltage	1500V	1500V	1500V	1500V	1500V	1500V	1500V	1500V	1500V
Solar Cells per Module (Units)	144	144	144	144	144	156	156	156	156
Module Efficiency (%)	22.4	22.6	22.8	23.22	23.61	22.2	22.56	22.92	23.1
Mounting Holes Pitch (Y1) – mm	1400	1400	1400	1400	1400	1400	1400	1400	1400
Module Length (mm)	2278	2278	2278	2278	2278	2462	2462	2462	2462
Module Width (mm)	1134	1134	1134	1134	1134	1134	1134	1134	1134
Mounting Holes Pitch (Y2) – mm	1000	1000	1000	1000	1000	1000	1000	1000	1000
Mounting Holes Pitch (X) – mm	1091	1091	1091	1091	1091	1091	1091	1091	1091
Area (Sq. M)	2.58	2.58	2.58	2.58	2.58	2.79	2.79	2.79	2.79
Fuse Rating (A)	30	30	30	30	30	30	30	30	30
Application Class Rating	Class A	Class A	Class A	Class A	Class A	Class A	Class A	Class A	Class A
Cell Size	Half Cut Cell	Half Cut Cell	Half Cut Cell	Half Cut Cell	Half Cut Cell	Half Cut Cell	Half Cut Cell	Half Cut Cell	Half Cut Cell