

## 20 WATT

Description	POLY	MONO	MBB
<b>Module Type</b>	S2E020	-	S2EMBB020
<b>Pamx (W)</b>	20.00	-	20.00
<b>Vmax (V)</b>	19.41	-	19.01
<b>Imax (A)</b>	1.05	-	1.06
<b>Voc (V)</b>	22.96	-	21.89
<b>Isc (A)</b>	1.12	-	1.13
<b>Module Efficiency (%)</b>	>13%	-	>16%
<b>No of Cells / Cell Type</b>	36 / Poly Crystalline	-	32 / Mono Crystalline (MBB)(M10)
<b>Module Size (L X W X T) mm</b>	440X355X17	-	570X220X30/35
<b>Modunting Hole (Y) mm</b>	240	-	300
<b>Modunting Hole (X) mm</b>	332	-	188
<b>Frame Type</b>	17x17, 30X25, 35X25	-	30X25, 35X25
<b>JB</b>	2 RAIL	-	2 RAIL

\*Standard Test condition (STC): 1000W/m2 irradiance, Air Mass 1.5 and 25°C cell temperature. Measuring Uncertainty +/-3%

Refer installation manual instructions & sun2earth warranty statement for terms and condition.

Sun2Earth Solar reserves the right to change the specifications without prior notice.

Dimension Can vary, tolerance as applicable as per Industry standard.

## 25 WATT

Description	POLY	MONO	MBB
<b>Module Type</b>	S2E025	S2EM025	-
<b>Pamx (W)</b>	25.00	25.00	-
<b>Vmax (V)</b>	19.41	20.74	-
<b>Imax (A)</b>	1.40	1.22	-
<b>Voc (V)</b>	22.96	24.54	-
<b>Isc (A)</b>	1.49	1.30	-
<b>Module Efficiency (%)</b>	>13%	>15%	-
<b>No of Cells / Cell Type</b>	36 / Poly Crystalline	36 / Mono Crystalline	-
<b>Module Size (L X W X T) mm</b>	545X355X17/30/35	440x355x17	-
<b>Modunting Hole (Y) mm</b>	272.5	240	-
<b>Modunting Hole (X) mm</b>	332	332	-
<b>Frame Type</b>	30X25, 35X25	30X25, 35X25	-
<b>JB</b>	2 RAIL	2 RAIL	-

\*Standard Test condition (STC): 1000W/m2 irradiance, Air Mass 1.5 and 25°C cell temperature. Measuring Uncertainty +/-3%

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## 30 WATT

Description	POLY	MONO	MBB
<b>Module Type</b>	S2E030	S2EM030	S2EMBB030
<b>Pamx (W)</b>	30.00	30.00	30.00
<b>Vmax (V)</b>	19.41	20.74	19.01
<b>Imax (A)</b>	1.68	1.48	1.58
<b>Voc (V)</b>	22.96	24.54	21.89
<b>Isc (A)</b>	1.79	1.58	1.69
<b>Module Efficiency (%)</b>	>12%	>15%	>17%
<b>No of Cells / Cell Type</b>	36 / Poly Crystalline	36 / Mono Crystalline	32 / Mono Crystalline (MBB)(M10)
<b>Module Size (L X W X T) mm</b>	640X355X17/30/35	545X355X17	800X220X17/X30/35
<b>Modunting Hole (Y) mm</b>	300	240	300.00 / 500.00
<b>Modunting Hole (X) mm</b>	332 / 326	332 / 326	188
<b>Frame Type</b>	17x17, 30X25, 35X25	17x17, 30X25, 35X25	30X25, 35X25
<b>JB</b>	2 RAIL	2 RAIL	2 RAIL

\*Standard Test condition (STC): 1000W/m2 irradiance, Air Mass 1.5 and 25°C cell temperature. Measuring Uncertainty +/-3%

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## 40 WATT

Description	POLY	MONO	MBB
<b>Module Type</b>	S2E040	S2EM040	S2EMBB040
<b>Pamx (W)</b>	40.00	40.00	40.00
<b>Vmax (V)</b>	19.41	20.74	19.01
<b>Imax (A)</b>	2.10	1.96	2.11
<b>Voc (V)</b>	22.96	24.54	21.89
<b>Isc (A)</b>	2.24	2.09	2.25
<b>Module Efficiency (%)</b>	>13%	>16%	>17%
<b>No of Cells / Cell Type</b>	36 / Poly Crystalline	36 / Mono Crystalline	32 / Mono Crystalline (MBB)(M10)
<b>Module Size (L X W X T) mm</b>	425X665X30/35	640X355X30/35	570X400X30/35
<b>Modunting Hole (Y) mm</b>	260.00	300	300
<b>Modunting Hole (X) mm</b>	636.00	326	368
<b>Frame Type</b>	30X25, 35X25	30X25, 35X25	30X25, 35X25
<b>JB</b>	2 RAIL 1 DIODE (6A10)	2 RAIL 1 DIODE (6A10)	2 RAIL 1 DIODE (6A10)

\*Standard Test condition (STC): 1000W/m2 irradiance, Air Mass 1.5 and 25°C cell temperature. Measuring Uncertainty +/-3%

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## 50 WATT

Description	POLY	MONO	MBB
<b>Module Type</b>	S2E050	S2EM050	S2EMBB050
<b>Pamx (W)</b>	50.00	50.00	50.00
<b>Vmax (V)</b>	19.41	20.74	20.20
<b>Imax (A)</b>	2.62	2.45	2.53
<b>Voc (V)</b>	22.96	24.54	23.26
<b>Isc (A)</b>	2.79	2.61	2.70
<b>Module Efficiency (%)</b>	>14%	>17%	>18%
<b>No of Cells / Cell Type</b>	36 / Poly Crystalline	36 / Mono Crystalline	34 / Mono Crystalline (MBB)(M10)
<b>Module Size (L X W X T) mm</b>	505X665X30/35	425X665X30/35	700X400X30/35
<b>Modunting Hole (Y) mm</b>	300.00	260	300 / 500
<b>Modunting Hole (X) mm</b>	636.00	636	368
<b>Frame Type</b>	30X25, 35X25	30X25, 35X25	30X25, 35X25
<b>JB</b>	2 RAIL 1 DIODE	2 RAIL 1 DIODE	2 RAIL 1 DIODE

\*Standard Test condition (STC): 1000W/m2 irradiance, Air Mass 1.5 and 25°C cell temperature. Measuring Uncertainty +/-3%

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## 60 WATT

Description	POLY	MONO	MBB
<b>Module Type</b>	S2E060	S2EM060	S2EMBB060
<b>Pamx (W)</b>	60.00	60.00	60.00
<b>Vmax (V)</b>	19.41	20.74	19.01
<b>Imax (A)</b>	3.16	3.02	3.17
<b>Voc (V)</b>	22.96	24.54	21.89
<b>Isc (A)</b>	3.36	3.22	3.38
<b>Module Efficiency (%)</b>	>14%	>17%	>18%
<b>No of Cells / Cell Type</b>	36 / Poly Crystalline	36 / Mono Crystalline	32 / Mono Crystalline (MBB)(M10)
<b>Module Size (L X W X T) mm</b>	605X665X30/35	505X665X30/35	435X765X30/35
<b>Modunting Hole (Y) mm</b>	300.00	300	300
<b>Modunting Hole (X) mm</b>	636.00	636	733
<b>Frame Type</b>	30X25, 35X25	30X25, 35X25	30X25, 35X25
<b>JB</b>	3 RAIL 2 DIODE	3 RAIL 2 DIODE	3 RAIL 2 DIODE

\*Standard Test condition (STC): 1000W/m2 irradiance, Air Mass 1.5 and 25°C cell temperature. Measuring Uncertainty +/-3%

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## 75 WATT

Description	POLY	MONO	MBB
<b>Module Type</b>	S2E075	S2EM075	S2EMBB075
<b>Pamx (W)</b>	75.00	75.00	75.00
<b>Vmax (V)</b>	19.41	20.74	17.82
<b>Imax (A)</b>	3.91	3.64	4.22
<b>Voc (V)</b>	22.96	24.54	20.52
<b>Isc (A)</b>	4.16	3.88	4.50
<b>Module Efficiency (%)</b>	>15%	>18%	>19%
<b>No of Cells / Cell Type</b>	36 / Poly Crystalline	36 / Mono Crystalline	30 / Mono Crystalline (MBB)(M10)
<b>Module Size (L X W X T) mm</b>	735X665X30/35	605X665X30/35	680X580X30/35
<b>Modunting Hole (Y) mm</b>	500.00	300	300 / 500
<b>Modunting Hole (X) mm</b>	636.00	636	548
<b>Frame Type</b>	30X25, 35X25	30X25, 35X25	30X25, 35X25
<b>JB</b>	3 RAIL 2 DIODE	3 RAIL 2 DIODE	3 RAIL 2 DIODE

\*Standard Test condition (STC): 1000W/m2 irradiance, Air Mass 1.5 and 25°C cell temperature. Measuring Uncertainty +/-3%

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## 80 WATT

Description	POLY	MONO	MBB
<b>Module Type</b>	S2E080	-	S2EMBB080
<b>Pamx (W)</b>	80.00	-	80.00
<b>Vmax (V)</b>	19.41	-	19.01
<b>Imax (A)</b>	4.20	-	4.22
<b>Voc (V)</b>	22.96	-	21.89
<b>Isc (A)</b>	4.47	-	4.50
<b>Module Efficiency (%)</b>	>15%	-	>19%
<b>No of Cells / Cell Type</b>	36 / Poly Crystalline	-	32 / Mono Crystalline (MBB)(M10)
<b>Module Size (L X W X T) mm</b>	775X665X30/35	-	550X765X30/35
<b>Modunting Hole (Y) mm</b>	500.00	-	300 / 500
<b>Modunting Hole (X) mm</b>	636.00	-	733
<b>Frame Type</b>	30X25, 35X25	-	30X25, 35X25
<b>JB</b>	3 RAIL 2 DIODE	-	3 RAIL 2 DIODE

\*Standard Test condition (STC): 1000W/m2 irradiance, Air Mass 1.5 and 25°C cell temperature. Measuring Uncertainty +/-3%

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## 100 WATT

Description	POLY	MONO	MBB
<b>Module Type</b>	S2E100	S2EM100	S2EMBB100
<b>Pamx (W)</b>	100.00	100.00	100.00
<b>Vmax (V)</b>	19.41	20.74	20.20
<b>Imax (A)</b>	5.25	4.89	5.07
<b>Voc (V)</b>	22.96	24.54	23.26
<b>Isc (A)</b>	5.58	5.21	5.40
<b>Module Efficiency (%)</b>	>14%	>19%	>19%
<b>No of Cells / Cell Type</b>	36 / Poly Crystalline	36 / Mono Crystalline	68 / Mono Crystalline (MBB)(M10)
<b>Module Size (L X W X T) mm</b>	1010X665X35	775X665X30/35	700X765X30/35
<b>Modunting Hole (Y) mm</b>	600.00	500	300 / 500
<b>Modunting Hole (X) mm</b>	636.00	636	733
<b>Frame Type</b>	35X25	30X25, 35X25	30X25, 35X25
<b>JB</b>	3 RAIL 2 DIODE	3 RAIL 2 DIODE	3 RAIL 2 DIODE

\*Standard Test condition (STC): 1000W/m2 irradiance, Air Mass 1.5 and 25°C cell temperature. Measuring Uncertainty +/-3%

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## 120 WATT

Description	POLY	MONO	MBB
<b>Module Type</b>	S2E120	S2EM120	S2EMBB120
<b>Pamx (W)</b>	120.00	120.00	120.00
<b>Vmax (V)</b>	19.41	20.74	19.01
<b>Imax (A)</b>	6.18	6.04	6.34
<b>Voc (V)</b>	22.96	24.54	21.89
<b>Isc (A)</b>	6.58	6.43	6.74
<b>Module Efficiency (%)</b>	>15%	>19%	>19%
<b>No of Cells / Cell Type</b>	36 / Poly Crystalline	36 / Mono Crystalline	32 / Mono Crystalline (MBB)(M10)
<b>Module Size (L X W X T) mm</b>	1155X665X35	1010X665X35	800X765X30/35
<b>Modunting Hole (Y) mm</b>	600.00	600	300 / 500
<b>Modunting Hole (X) mm</b>	636.00	636	733
<b>Frame Type</b>	35X25	35X25	30X25, 35X25
<b>JB</b>	3 RAIL 2 DIODE	3 RAIL 2 DIODE	3 RAIL 2 DIODE

\*Standard Test condition (STC): 1000W/m2 irradiance, Air Mass 1.5 and 25°C cell temperature. Measuring Uncertainty +/-3%

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## 150 WATT / 160 WATT / 165 WATT

Description	POLY	MONO	MBB
<b>Module Type</b>	S2E160 / S2E165	S2EM150	S2EMBB160
<b>Pamx (W)</b>	160 / 165	150.00	160.00
<b>Vmax (V)</b>	19.41 / 19.63	20.74	19.01
<b>Imax (A)</b>	8.41 / 8.47	7.37	8.45
<b>Voc (V)</b>	22.96 / 23.10	24.54	21.89
<b>Isc (A)</b>	8.94 / 8.98	7.93	9.00
<b>Module Efficiency (%)</b>	>16%	>19%	>19%
<b>No of Cells / Cell Type</b>	36 / Poly Crystalline	36 / Mono Crystalline	64 / Mono Crystalline (MBB)(M10)
<b>Module Size (L X W X T) mm</b>	1485X665X35	1155X665X35	1055X765X30/35
<b>Modunting Hole (Y) mm</b>	660.00	600	300 / 750
<b>Modunting Hole (X) mm</b>	636.00	636	733
<b>Frame Type</b>	35X25	35X25	30X25, 35X25
<b>JB</b>	3 RAIL 2 DIODE	3 RAIL 2 DIODE	3 RAIL 2 DIODE

\*Standard Test condition (STC): 1000W/m2 irradiance, Air Mass 1.5 and 25°C cell temperature. Measuring Uncertainty +/-3%

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## 200 WATT / 220 WATT / 225 WATT

Description	POLY	MONO	MBB
<b>Module Type</b>	S2E200 / S2E220	S2EM200	S2EMBB225
<b>Pamx (W)</b>	200 / 220	200.00	225.00
<b>Vmax (V)</b>	38.83	20.74	35.76
<b>Imax (A)</b>	5.25 / 5.68	9.79	6.37
<b>Voc (V)</b>	45.92	24.54	41.16
<b>Isc (A)</b>	5.58 / 6.04	10.43	6.78
<b>Module Efficiency (%)</b>	>15% / >16%	>20%	>20%
<b>No of Cells / Cell Type</b>	72 / Poly Crystalline	36 / Mono Crystalline	60 / Mono Crystalline (MBB)(M10)
<b>Module Size (L X W X T) mm</b>	1335X990X35	1485X665X35	1450X765X35
<b>Modunting Hole (Y) mm</b>	750.00	660	300 / 750
<b>Modunting Hole (X) mm</b>	961.00	636	733
<b>Frame Type</b>	35X25	35X25	35X25
<b>JB</b>	4 RAIL 3 DIODE	3 RAIL 2 DIODE	3 RAIL 2 DIODE

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## 240 WATT / 250 WATT

Description	POLY	MONO	MBB
<b>Module Type</b>	S2E250	S2EM250	S2EMBB240
<b>Pamx (W)</b>	250.00	250.00	240.00
<b>Vmax (V)</b>	29.15	41.47	38.02
<b>Imax (A)</b>	8.60	6.04	6.34
<b>Voc (V)</b>	34.44	49.10	43.78
<b>Isc (A)</b>	9.11	6.43	6.75
<b>Module Efficiency (%)</b>	>16%	>19%	>20%
<b>No of Cells / Cell Type</b>	54 / Poly Crystalline	72 / Mono Crystalline	64 / Mono Crystalline (MBB)(M10)
<b>Module Size (L X W X T) mm</b>	1490X990X35	1335X990X35	1540X765X35
<b>Modunting Hole (Y) mm</b>	750.00	750.00	300 / 750
<b>Modunting Hole (X) mm</b>	961.00	961.00	733
<b>Frame Type</b>	35X25	35X25	35X25
<b>JB</b>	4 RAIL 3 DIODE	4 RAIL 3 DIODE	3 RAIL 2 DIODE

\*Standard Test condition (STC): 1000W/m2 irradiance, Air Mass 1.5 and 25°C cell temperature. Measuring Uncertainty +/-3%

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## 270 WATT

Description	POLY	MONO	MBB
<b>Module Type</b>	S2E270	S2EM270	S2EMBB270
<b>Pamx (W)</b>	270.00	270.00	270.00
<b>Vmax (V)</b>	32.35	41.47	42.77
<b>Imax (A)</b>	8.40	6.53	6.34
<b>Voc (V)</b>	38.26	49.09	49.25
<b>Isc (A)</b>	8.95	6.96	6.75
<b>Module Efficiency (%)</b>	>16%	>20%	>20%
<b>No of Cells / Cell Type</b>	60 / Poly Crystalline	72 / Mono Crystalline	72 / Mono Crystalline (MBB)(M10)
<b>Module Size (L X W X T) mm</b>	1640X990X35	1335x990x35	1169x1133x35
<b>Modunting Hole (Y) mm</b>	820.00	750.00	300 / 750
<b>Modunting Hole (X) mm</b>	961.00	961.00	1103.00
<b>Frame Type</b>	35X25	35X25	35X25
<b>JB</b>	4 RAIL 3 DIODE	4 RAIL 3 DIODE	4 RAIL 3 DIODE

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