

Ujaval Series

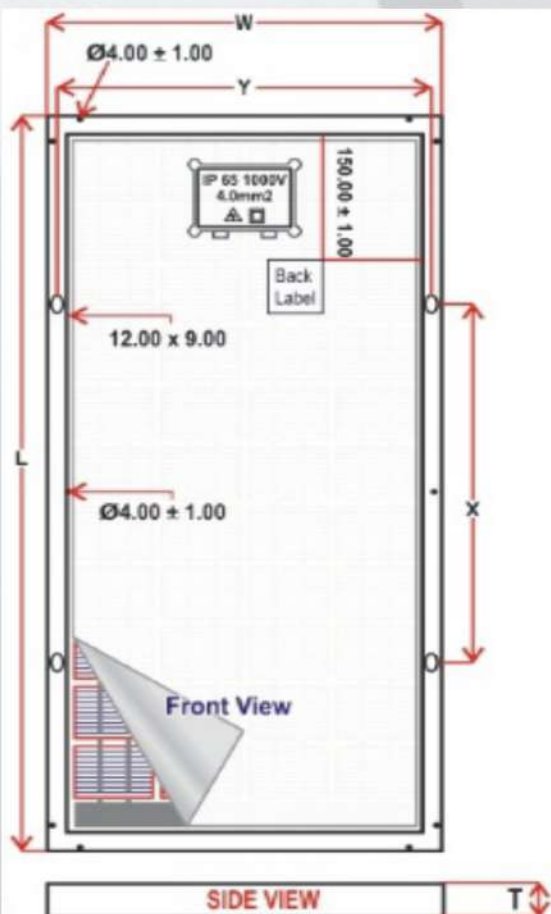
40 Watt & 150 Watt (36 Cells)

Electrical specification

Module Type	S2E040	S2E050	S2E060	S2E075	S2E100	S2E125	S2E150
Maximum Power (Pmax)	40 W	50 W	60 W	75 W	100 W	125 W	150 W
Operating Voltage (Vmp)	18.90V	18.90V	18.90V	18.90V	18.90V	18.90V	18.90V
Operating Current (Imp)	2.12A	2.65A	3.18A	3.97A	4.24A	6.62A	7.94A
Open Circuit Voltage (Voc)	22.64V	22.64V	22.64V	22.64V	22.64V	22.64V	22.64V
Short Circuit Current (Isc)	2.26A	2.83A	3.39A	4.24A	4.52A	5.66A	8.48A

Mechanical specification

Length (L)mm	430	555	635	770	1030	1155	1490
Width (W)mm	665	665	665	665	665	665	665
Thickness (T)mm	34	34	34	34	34	34	34
Weight (Kg)	3.61	4.75	5.49	6.61	8.60	10.10	13.07
No of Cells	36	36	36	36	36	36	36
Cells Arrangement	9X4	9X4	9X4	9X4	9X4	9X4	9X4
Junction Box	2-T 1-D	2-T 1-D	3-T 2-D	3-T 2-D	3-T 2-D	3-T 2-D	3-T 2-D
Diode	6A 10	6A 10	6A 10	6A 10	10A 10	10A 10	10A 10
Mounting hole pitch (X)mm	260	300	300	500	600	600	660
Mounting hole pitch (Y)mm	641	641	641	641	641	641	641



ALL ELECTRICAL PARAMETER ARE SPECIFIED @STC : 25deg C, 1000W/m2 AM:1.5

Warranty:

5 Year Product Warranty

10 Year Warranty @ 90% Power Output

25 Year Warranty @ 80% Power Output

Max. Operating Condition

Operating Temperature: -40°C to +85°C

Maximum System Voltage: 1000V

Maximum Series Fuse Rating: 15A

Temp. Coefficients

Current Temperature Coefficients $\alpha(Isc)$: 0.05%/C

Voltage Temperature Coefficients $\beta(Voc)$: (-0.33%/C)

Power Temperature Coefficients $\gamma(Pmax)$: (-0.38%/C)

- For Handling & Installation instructions refer Sun2earth Solar User Manual
- **Refer to Sun2earth Solar warranty document for terms and condition.
- Due to constant product modifications, Sun2earth Solar reserves the right to amend the above specification without prior notice