

Taruna Series (3 Watt to 30 Watt)

18 & 36 Cells

S2E003 to S2E030

We design and manufacturing small modules for house hold application.
Taruna series used for below application.

- Small Home Lighting System
- Solar lanterns
- Traffic Control Lights
- Solar Street Light
- Solar Torch
- Mobile Charger

Electrical Characteristics

Module Type	S2E003	S2E005	S2E010	S2E015 / S2E020	S2E025	S2E030	S2E030
Pmax (W)	3.00	5.00	10.00	15 / 20	25.00	30.00	30.00
Vmax (V)	9.71	9.71	19.41	19.41	19.41	19.41	19.41
I _{max} (A)	0.35	0.53	0.53	0.84 / 1.05	1.40	1.68	1.68
Voc (V)	11.48	11.48	22.96	22.96	22.96	22.96	22.96
Isc (A)	0.37	0.56	0.56	0.89 / 1.12	1.49	1.79	1.79
Module Efficiency (%)	8.31	10.53	11.43	11.43 / 12.8	13.30	12.52	12.52

Mechanical Characteristics

L X W X T	190X190X 17	295X190X 17	300X355X 17	440X355X 17	545X345X 17	640X355X 17	640X355 X35
Mounting Hole (Y)mm	95.00	147.50	150.00	240.00	272.50	300.00	300.00
Mounting Hole (X)mm	167.00	167.00	332.00	332.00	322.00	332.00	326.00
Cell Per Module/Arrangement	18 / 6X3	18 / 9X2	36 / 9X4	36 / 18X2	36 / 18X2	36 / 18X2	36 / 18X2
Cell Type	Polycrystalline						
Front Cover (Material/Thickness)	tempered & Low Iron Glass , 3.2 / 4.0mm						
Encapsulate	Ethylene Vinyl Acetate						
Frame	Anodized Aluminium						
JB	IP65 Rated with bypass diode						
Connector	As per Customer Requirement (Optional)						
Cable	As per Customer Requirement (Optional)						

*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.

