

**36
Cells**

**Polycrystalline PV Modules 10W-165W
Premium Quality of Panels**



- **Silver Anodized Aluminium Frames**
- **3.5mm Tempered Glass**
- **High Area Efficiency**
- **PID Resistance 5BB cells and Encapsulants**
- **Reduced BOS Cost**

Technical data poly crystalline module

Electrical data

Nominal Maximun Power(PMAX)	10W	20W	30W	40W	50W	60W	75W	100W	120W	165W
Optimum Operating Voltage(Vmp)	17.2	17.05	17.12	17.85	17.86	18.01	17.99	18.02	18.02	18.6
Optimum Operating Voltage (Imp)	0.62	1.18	1.74	2.25	2.8	3.33	4.17	5.57	6.75	8.79
Open circuit Voltage (Voc)	21.62	21.44	21.62	21.95	21.7	21.66	21.12	21.84	21.58	22.2
Short Circuit Voltage(Isc) (Imp)	0.69	1.27	1.88	2.44	3.04	3.67	4.49	6.11	7.36	9.34
Module Eff(%)	9.24	12.25	11.38	13.07	13.55	14.21	14.74	13.67	14.2	14.6

Mechanical data	10W	20W	30W	40W	50W	60W	75W	100W	120W	165W
Dimension(length In mm)	351	455	365	435	502	635	735	1005	1145	1480
Dimension(width In mm)	305	355	665	665	665	665	665	665	665	665
No Of Cell	36	36	36	36	36	36	36	36	36	36
Junction Box (ip68) terminal	2	2	2	2	2	2	3	3	3	3
No Of Bypass Diode	1	1	1	1	1	1	2	2	2	2
Mounting Hole Pitch (Y)-mm	175.5	230.5	180.5	218	273	303	365.5	515.5	573	742.5
Mountion Hole Pitch (X)-mm	275	325	635	635	635	635	635	635	635	635

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