

Features:

- Eco friendly
- Micro Crack free Panels - 100%
- Positive Power Tolerance Modules
- Excellent performance in Low Light.
- Anti-Reflective Coating (ARC) Glass.
- Tested Before and After Lamination.
- Ideal for On-Grid as well as Off-Grid applications
- Advanced IP67/IP68 Junction Box with rated MC4.
- Salt Mist, Ammonia, Blowing Sand & Hail Resistant.
- All Panels have RFID (Radio frequency identification) Tag.
- Sustain Heavy Wind and Snow Loads (2400Pa and 5400Pa).
- Compatible Connectors for Long-Term Weather Endurance.
- Undergoes Rigorous Quality Control and more than 20 in-house tests
(DH: Damp Heat Test, TC: Thermal Cycling Test, HF: Humidity Freeze Test)
- Highly Classified A-Grade Solar Cells for Lesser Degradation & High Energy.
- PID (Potential Induced Degradation) Free Modules with Long Term Reliability.



TECHNICAL SPECIFICATIONS



Designed for-
Roof Top Application



Reliable for all type of
Environmental Conditions



High Power Output using
High Efficiency Cell



Durable for
25 Years

Electrical Specification	3W	5W	10W	20W	30W	40W	50W	60W	80W	100W
Nominal maximum power (Pmax)	3W	5W	10W	20W	30W	40W	50W	60W	80W	100W
Optimum operating Voltage (Vmp)	8.8V	8.9V	10.6V	12.6V	13.6V	15.6V	16.2V	17.2V	18.0V	19.0V
Optimum Operating Current (Imp)	0.34A	0.57A	0.57A	1.14A	1.71A	2.28A	3.09A	3.71A	4.44A	5.55A
Open Circuit Voltage (Voc)	10.7	10.8V	13.6V	15.6V	17.6V	19.6V	20.2V	22.2V	24.5V	26.3V
Short Circuit Current (Isc)	0.38A	0.62A	0.62A	1.25A	1.86A	2.48A	3.36A	4.38A	5.01A	6.38A
Operating Temperature	-40°C~+85°									
Maximum System Voltage	1000V (IEC)/ 600V (UL)									
Maximum Series Fuse Rating	10A									
RFID	Yes									
Power Tolerance	±5W									
Temperature Coefficient										
Pmax	-0.45/°C									
Voc	-0.35/°C									
Ise	-0.060/°C									
NOCT (Nominal Operating Cell Temperature)	45°C									
Mechanical Data										
Cell Type	Mono crystalline									
Cell Arrangement	18 (3x6)	18 (3x6)	36 (4x9)	36 (4x9)	36 (4x9)	36 (4x9)	33 (3x11)	33 (3x11)	33 (3x11)	36 (3x12)
Dimensions	185x185x17	320x190x18	320x350x18	560x350x18	430x680x30	547x680x30	813x547x35	945x547x35	1231x547x40	1320x547x40
Weights	0.5 (kg)	0.75 (kg)	1.0 (kg)	1.5 (kg)	2.0 (kg)	2.5 (kg)	4.0 (kg)	5.0 (kg)	8.0 (kg)	11.0 (kg)
Front Cover	Tempered glass									
Frame material	Anodized aluminium alloy									
Standard Packaging (Modules / Carton)	20 PCS	20 PCS	14 PCS	10 PCS	2 PCS	2 PCS	2 PCS	2 PCS	2 PCS	2 PCS