



**SKY LIVE ENERGY**

**Brighten Your World  
With Sky Live Energy**



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# POLYCRYSTALLINE SOLAR PANEL



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## 40W POLYCRYSTALLINE SOLAR PANEL

- No. Of Cells: 36 Cut Cells - 5BB
- Voltage: 12 V
- Maximum System Voltage: 600/1000 V DC
- Module Efficiency: 14.00%
- Dimension (LxWxH) : 430x665x30 mm
- Weight: 4.5 Kg
- Maximum series fuse ratings: 10A



## 50W POLYCRYSTALLINE SOLAR PANEL

- No. Of Cells : 32 Cut Cells - 5BB
- Voltage : 12 V
- Maximum System Voltage : 600/1000 V DC
- Module Efficiency : 14.10%
- Dimension (LxWxH) : 505x665x30 mm
- Weight : 5.5 kg
- Maximum series fuse ratings : 10A





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### 75W POLYCRYSTALLINE SOLAR PANEL

- No. Of Cells : 32 Cut Cells - 5BB
- Voltage : 12 V
- Maximum System Voltage : 600/1000 V DC
- Module Efficiency : 14.40%
- Dimension (LxWxH) : 775x665x30 mm
- Weight : 6.8 kg
- Maximum series fuse ratings : 10A



### 100W POLYCRYSTALLINE SOLAR PANEL

- No. Of Cells : 32 Cut Cells - 5BB
- Voltage : 12 V
- Maximum System Voltage : 600/1000 V DC
- Module Efficiency : 15.25%
- Dimension (LxWxH) : 1010x665x30 mm
- Weight : 8.5 kg
- Maximum series fuse ratings : 10A





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### 150W POLYCRYSTALLINE SOLAR PANEL

- No. Of Cells : 32 Cells - 5BB
- Voltage : 12 V
- Maximum System Voltage : 1000 V DC
- Module Efficiency : 15.00%
- Dimension (LxWxH) : 1490x665x30 mm
- Weight : 11.6 kg
- Maximum series fuse ratings : 15A



### 165W POLYCRYSTALLINE SOLAR PANEL

- No. Of Cells : 36 Cells - 5BB
- Voltage : 12 V
- Maximum System Voltage : 1000 V DC
- Module Efficiency : 15.20%
- Dimension (LxWxH) : 1490x665x30 mm
- Weight : 11.6 kg
- Maximum series fuse ratings : 15A





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### 250W POLYCRYSTALLINE SOLAR PANEL

- No. Of Cells : 54 Cells - 5BB
- Voltage : 24 V
- Maximum System Voltage : 1000/1500 V DC
- Module Efficiency : 16.30%
- Dimension (LxWxH) : 1640x990x35/40 mm
- Weight : 18.5 kg
- Maximum series fuse ratings : 30 A



### 275W POLYCRYSTALLINE SOLAR PANEL

- No. Of Cells : 60 Cells - 5BB
- Voltage : 24 V
- Maximum System Voltage : 1000/1500 V DC
- Module Efficiency : 17.00%
- Dimension (LxWxH) : 1640x990x35/40 mm
- Weight : 18.5 kg
- Maximum series fuse ratings : 30A





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### 300W POLYCRYSTALLINE SOLAR PANEL

- No. Of Cells : 66 Cells - 5BB
- Voltage : 24 V
- Maximum System Voltage : 1000/1500 V DC
- Module Efficiency : 16.70%
- Dimension (LxWxH) : 1960x990x35/40 mm
- Weight : 20.5 kg
- Maximum series fuse ratings : 30A



### 335W POLYCRYSTALLINE SOLAR PANEL

- No. Of Cells : 72 Cells - 5BB
- Voltage : 24 V
- Maximum System Voltage : 1000/1500 V DC
- Module Efficiency : 17.20%
- Dimension (LxWxH) : 1960x990x35/40 mm
- Weight : 20.5 kg
- Maximum series fuse ratings : 30A





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### 340W POLYCRYSTALLINE SOLAR PANEL

- No. Of Cells : 72 Cells - 5BB
- Voltage : 24 V
- Maximum System Voltage : 1000/1500 V DC
- Module Efficiency : 17.40%
- Dimension (LxWxH) : 1960x990x35/40 mm
- Weight : 20.5 kg
- Maximum series fuse ratings : 30A



### FEATURES FOR MONO AND POLY CRYSTALLINE SOLAR PANELS

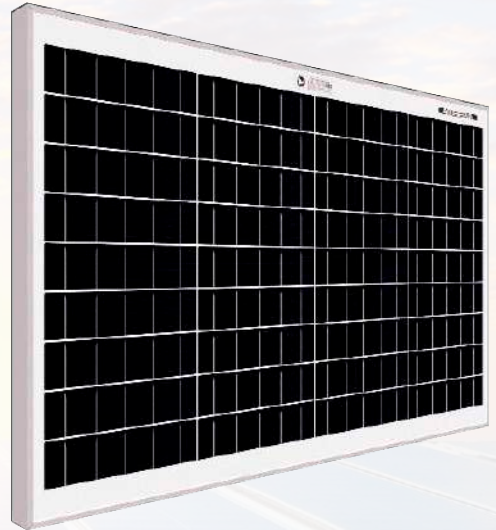
- PID Resistant 5BB cells and encapsulant.
- Certified to withstand harsh environmental conditions.
- Salt mist & ammonia resistant.
- AR Coated tempered PV grade glass.
- Only positive power tolerance.
- Excellent low light performance.
- More Reliable Products 100% EL Inspected to ensure micro crack free modules.
- Superstrate = 3.2 mm high transmission low iron tempered glass (AR coated/Non coated)
- Cell Encapsulant= PID Free EVA (Ethylene Vinyl Acetate) - FC/UFC
- Mechanical Load Test=Sustain heavy static load (2400 Pa & 5400 Pa or 550 kg/m<sup>2</sup>)
- Backsheet=Composite Film - White (Black & Transparent optional)\*\*
- Frame=Silver Anodized Aluminum frame with twin wall profile
- Junction Box=IP 67 rated with 2 or 3 bypass diode
- Connectors = mc4
- 16 drain holes= to drain water effectively.

# Mono PERC Solar PV Modules



## 50W MONO PERC SOLAR PV MODULES

- No. Of Cells : 36 Cut Cells - 5BB
- Voltage : 12 V
- Maximum System Voltage : 600/1000 V DC
- Module Efficiency : 17.50%
- Dimension (LxWxH) : 430x665x30
- Weight : 4.5 kg
- Maximum series fuse ratings : 15A



## 75W MONO PERC SOLAR PV MODULES

- No. Of Cells : 32 Cut Cells - 5BB
- Voltage : 12 V
- Maximum System Voltage : 600/1000 V DC
- Module Efficiency : 17.80%
- Dimension (LxWxH) : 830x770x60 mm
- Weight : 7 kg
- Maximum series fuse ratings : 15A



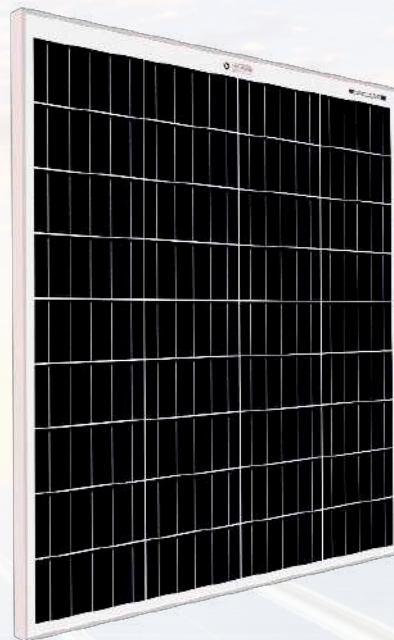




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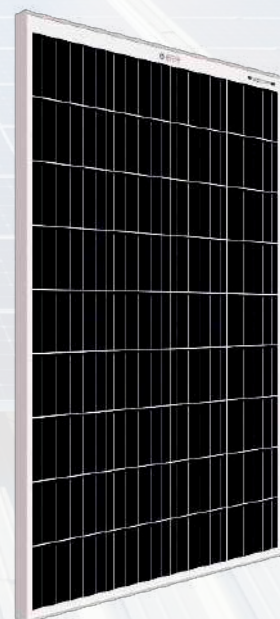
### 100W MONO PERC SOLAR PV MODULES

- No. Of Cells : 36 Cut Cells - 5BB
- Voltage : 12 V
- Maximum System Voltage : 600/1000 V DC
- Module Efficiency : 18.40%
- Dimension (LxWxH) : 775x665x30 mm
- Weight : 6.8 kg
- Maximum series fuse ratings : 15A



### 125W MONO PERC SOLAR PV MODULES

- No. Of Cells : 36 Cut Cells - 5BB
- Voltage : 12 V
- Maximum System Voltage : 600/1000 V DC
- Module Efficiency : 18.60%
- Dimension (LxWxH) : 1010x665x30 mm
- Weight : 8.5 kg
- Maximum series fuse ratings : 15A

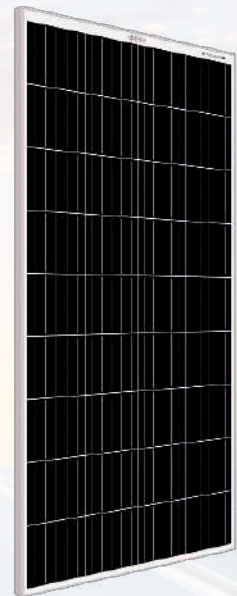




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### **200W MONO PERC SOLAR PV MODULES**

- No. Of Cells : 36 Cells - 5BB
- Voltage : 12 V
- Maximum System Voltage : 1000 V DC
- Module Efficiency : 18.70%
- Dimension (LxWxH) : 1490x665x30 mm
- Weight : 11.6 kg
- Maximum series fuse ratings : 15A



### **335W MONO PERC SOLAR PV MODULES**

- No. Of Cells : 60 Cells - 5BB
- Voltage : 24 V
- Maximum System Voltage : 1000/1500 V DC
- Module Efficiency : 20.50%
- Dimension (LxWxH) : 1640x990x35/40 mm
- Weight : 18.5 kg
- Maximum series fuse ratings : 30 A





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### 400W MONO PERC SOLAR PV MODULES

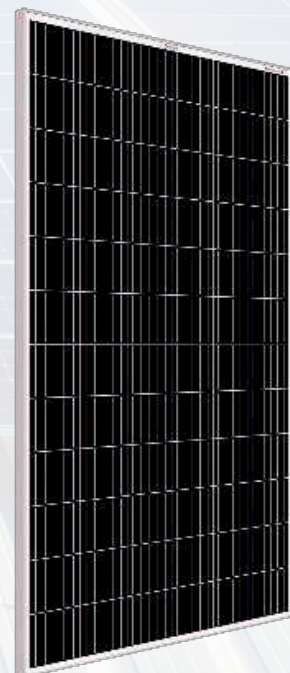
- No. Of Cells : 72 Cells - 5BB
- Voltage : 24 V
- Maximum System Voltage : 1000/1500 V DC
- Module Efficiency : 20.50%
- Dimension (LxWxH) : 1985x1000x35/40 mm
- Weight : 20.5 kg
- Maximum series fuse ratings : 30 A



### 410W MONO PERC SOLAR PV MODULES

- No. Of Cells : 72 Cells - 5BB
- Voltage : 24 V
- Maximum System Voltage : 1000/1500 V DC
- Module Efficiency : 20.65%
- Dimension (LxWxH) : 1985x1000x35/40 mm
- Weight : 20.5 kg
- Maximum series fuse ratings : 30 A

common points same as polycrystalline;



# Mono Crystalline PERC Half cut solar panel:



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WATTS[W]	EFFICIENCY %	VOLTS [V]	WEIGHT [KG]	No. Of Cells	DIMENSIONS [LxWxH]
440	20.23	34.11	24	120	1920 mm x 1133 mm x 35 mm [optional 40 mm]
445	20.46	34.26			
450	20.69	34.43			
455	20.92	34.58			
460	21.15	34.83			
490	20.56	38.20	27	132	2104 mmx 1133 mm x 35 mm [optional 40 mm]
495	20.76	38.30			
500	20.97	38.40			
505	21.18	38.52			
510	21.39	38.64			
535	20.73	41.47	29	144	2278 mmx 1133 mm x 35 mm [optional 40 mm]
540	20.92	41.64			
545	21.12	41.80			
550	21.31	41.93			
555	21.50	42.05			
580	20.77	44.72	31	156	2465 mmx 1133 mm x 35 mm [optional 40 mm]
585	20.95	44.83			
590	21.13	44.94			
595	21.30	45.11			
600	21.48	45.29			





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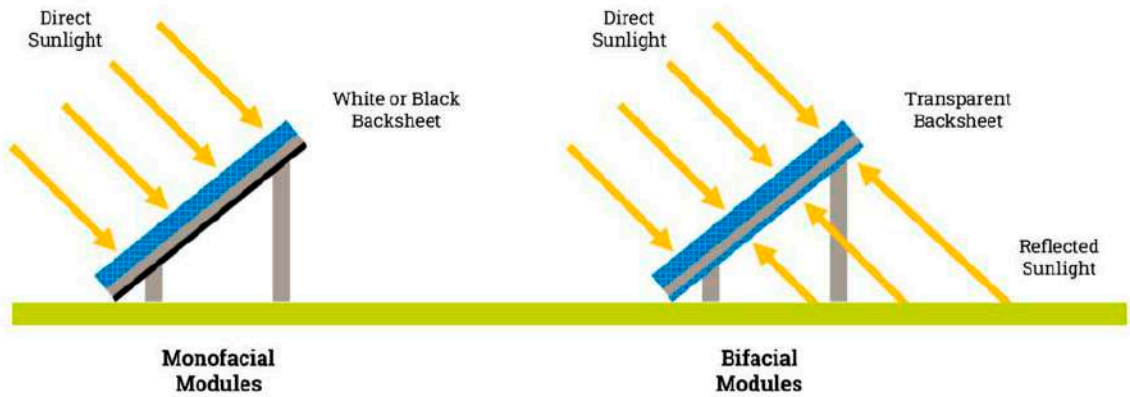
## Bifacial Mono Crystalline PERC Half cut solar panel specifications:

Front Side Panel Watts(W)	Peak Efficiency % (Highest)	Peak Power (Wp) (Highest) [Watts]	Weight [Kg]	No. Of Cells	Dimension (Lxwxh)
440	26.23	572	24	120	[1923 X 1133 X 35]mm
445	26.55	579			
450	26.83	585			
455	27.15	592			
460	27.42	598			
540	27.18	702	27	144	[2278 X 1134 X 35]mm
545	27.45	709			
550	27.68	715			
580	29.19	754			
585	29.46	761			
Maximum System Voltage : 1500V DC					
Maximum Series Fuse Ratings : 25A					
*Peak Power Based On Power Output From Both Sides Of The Solar Panel					

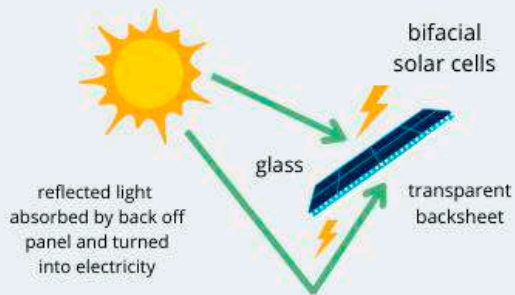




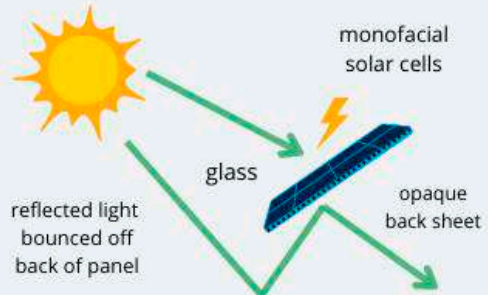
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### BIFACIAL SOLAR PANEL



### MONOFACIAL SOLAR PANEL





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