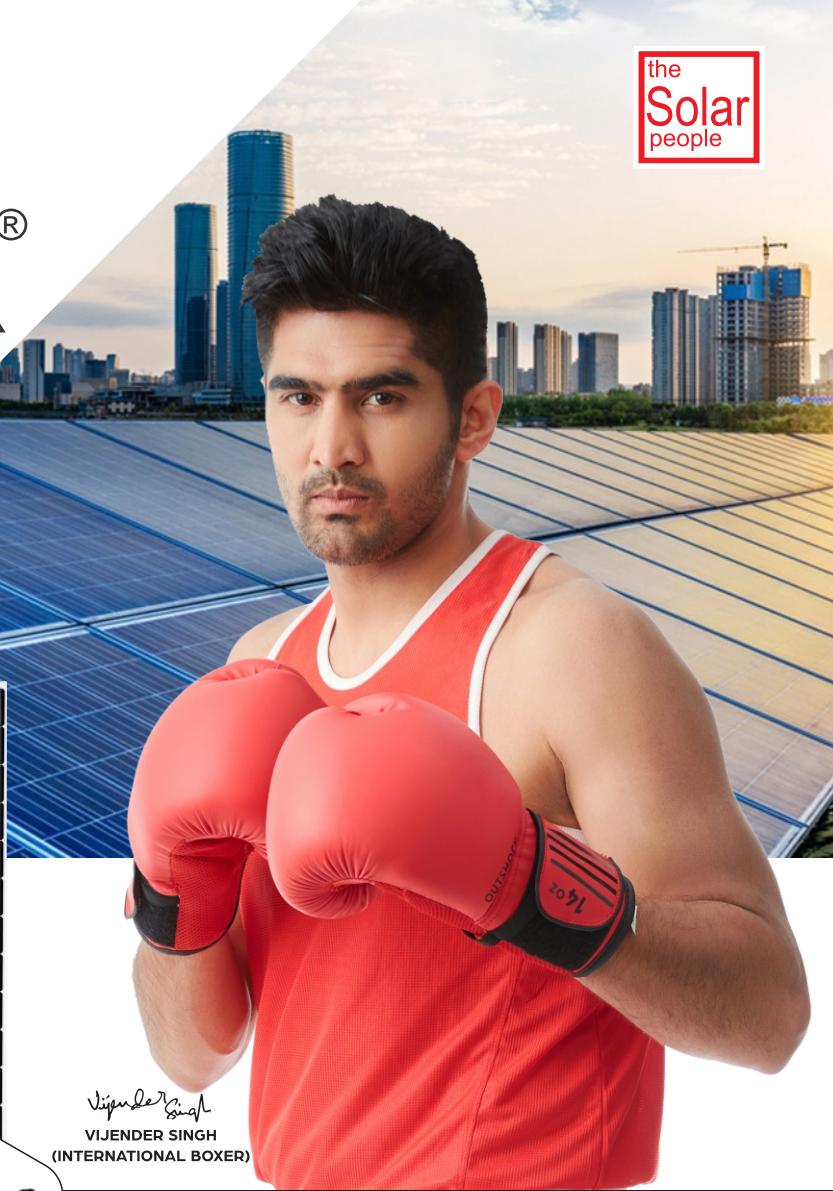
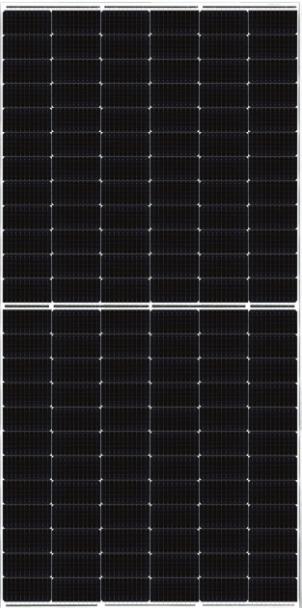


ઉજાવલા ભારત કા સોલર



Vijender Singh  
VIJENDER SINGH  
(INTERNATIONAL BOXER)

## PRODUCT | KEY FEATURES



AR Coated Tempered Glass  
Anti-Reflective Module Surface



Excellent Module Efficiency



Positive Power Tolerance  
Up to 5W



Pre and Post EL Checking  
to ensure defect free modules



Ip68 Junction Box  
for Long Term Endurance



Ensure safety parameters  
through Safety test



Quality and Reliability assurance  
in standard weather condition



## SOLAR MODULES

EUROPEAN TECHNOLOGY  
FOR EXCELLENCE PERFORMANCE

### PRODUCT CERTIFICATES



25\*  
Year's

Industry leading linear power  
output warranty\*

10  
Year's

Product warranty on  
materials and workmanship



1800 313 333 333



www.easysolarsolutions.com

# Poly Crystalline

## TECHNICAL DATA 50W - 340W

PERFORMANCE UNDER STANDARD TEST CONDITIONS (STC) (irradiance of 1000 W/m<sup>2</sup>, spectrum AM 1.5 and cell temperature of 25°C.)

Nominal Maximum Power (Pmax)	55W/12V	75W/12V	110W/12V	170W/12V	175W/12V	340W/24V
Optimum Operating Voltage (Vmp)	18.6	17.4	18.9	18.86	19.30	38.09
Optimum Operating Current (Imp)	2.96	4.31	5.81	9.02	9.07	8.94
Open Circuit Voltage (Voc)	22.70	22.1	22.31	23.01	23.60	45.59
Short Circuit Current (Isc)	3.13	4.60	6.27	9.61	9.54	9.48
Module Eff(%)	19.1	14.6	15.8	15.8	18.0	17.0

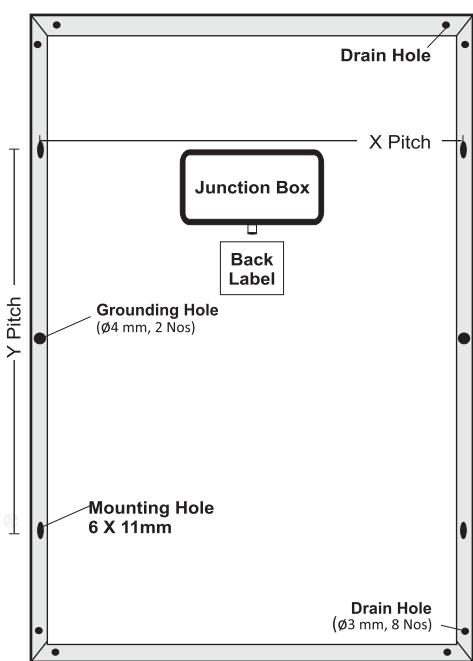


**POLY**

### Mechanical Specifications

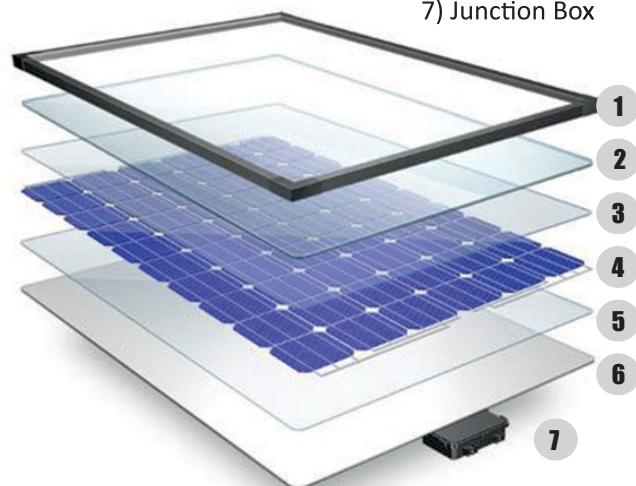
Dimensions (Length in mm)	533	770	1010	1485	1960
Dimensions (Width in mm)	660	660	665	665	990
Dimensions (Height in mm)	30	30	30	35	35
Weight(kg)	3.9	5.40	7.06	11	21
No Of Cell	36	36	36	36	72

### BACK VIEW



### SIDE VIEW

35mm



- 1) Aluminum Frame
- 2) Solar Tempered Glass
- 3) Encapsulant
- 4) Solar Cell String
- 5) Encapsulant
- 6) Backsheet
- 7) Junction Box

\*All dimensions are in mm with +/-1% tolerance.

### MAXIMUM OPERATING CONDITIONS

Operating Temperature:	-40°C to +85°C
Maximum System Voltage:	1000/1500V
Maximum Series Fuse Rating:	10-20 A

### TEMPERATURE COEFFICIENTS

Current Temperature Coefficients $\alpha(Isc)$ :	0.021%/°C
Voltage Temperature Coefficients $\beta(Voc)$ :	-0.291%/°C
Power Temperature Coefficients $\gamma(Pmax)$ :	-0.397%/°C

**Caution:** Please read safety and installation instructions before using the product. **Warranty:** Linear power warranty for 27 years up to 2.5% for 1st year degradation and 0.67% from year 2 to year 27. Please read EASY SOLAR warranty documents thoroughly. **Disclaimer:** specifications included in the datasheet are subject to change without prior notice owing to conditions innovation on the product Development and R&D Activities. EASY SOLAR reserves the right to make any adjustment to the information described here, Dataset contained in this specification do not form a representative of a single module data. @T&C Apply.

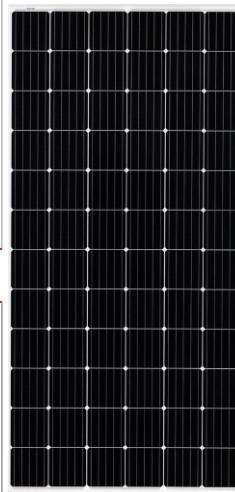
# Mono Crystalline

 EASY SOLAR®

## TECHNICAL DATA 200W - 410W

PERFORMANCE UNDER STANDARD TEST CONDITIONS (STC) (irradiance of 1000 W/m<sup>2</sup>, spectrum AM 1.5 and cell temperature of 25°C.)

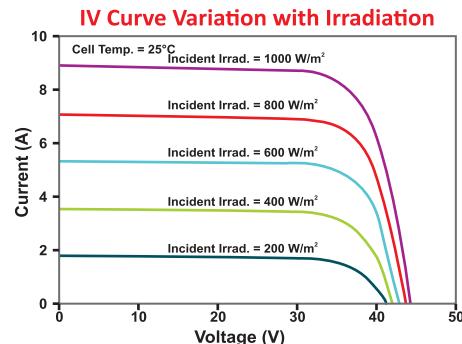
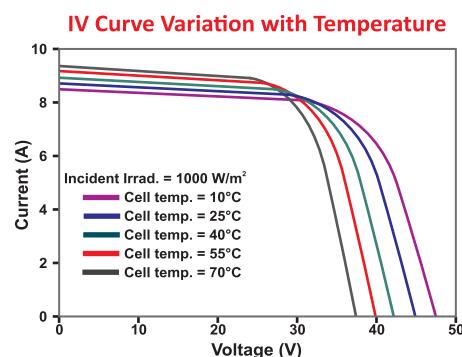
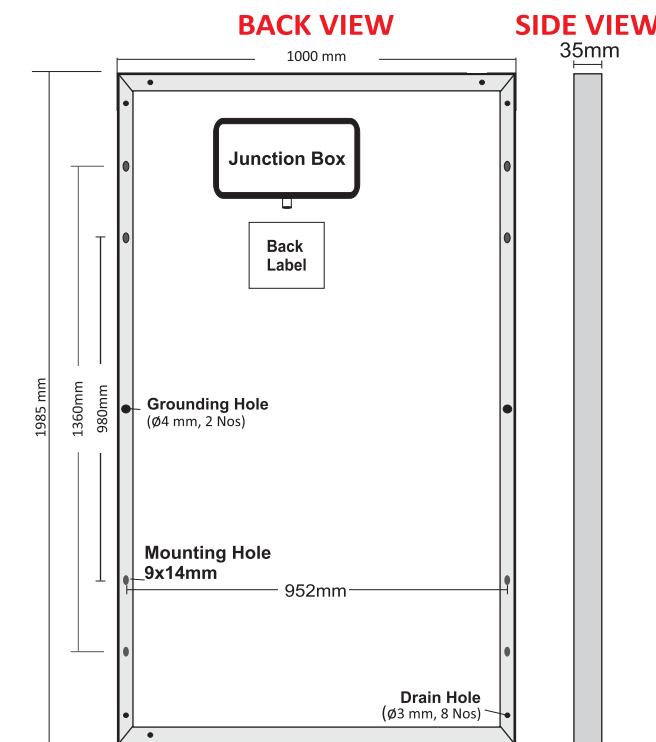
Nominal Maximum Power (Pmax)	200W	410W
Optimum Operating Voltage (Vmp)	20.20	41.88
Optimum Operating Current (Imp)	9.92	9.79
Open Circuit Voltage (Voc)	24.2	48.80
Short Circuit Current (Isc)	10.13	10.45
Module Eff(%)	20.30	20.2



**MONO**

### Mechanical Specifications

Dimensions (Length in mm)	1490	1985
Dimensions (Width in mm)	670	1000
Dimensions (Height in mm)	35	35
Weight(kg)	11	21
No Of Cell	36	72



\*All dimensions are in mm with +/-1% tolerance.

### MAXIMUM OPERATING CONDITIONS

Operating Temperature:	-40°C to +85°C
Maximum System Voltage:	1500V
Maximum Series Fuse Rating:	20A

### TEMPERATURE COEFFICIENTS

Current Temperature Coefficients $\alpha(Isc)$ :	0.021%/°C
Voltage Temperature Coefficients $\beta(Voc)$ :	-0.291%/°C
Power Temperature Coefficients $\gamma(Pmax)$ :	-0.397%/°C

**Caution:** Please read safety and installation instructions before using the product. **Warranty:** Linear power warranty for 27 years up to 2.5% for 1st year degradation and 0.67% from year 2 to year 27. Please read EASY SOLAR warranty documents thoroughly. **Disclaimer:** specifications included in the datasheet are subject to change without prior notice owing to conditions innovation on the product Development and R&D Activities. EASY SOLAR reserves the right to make any adjustment to the information described here, Dataset contained in this specification do not form a representative of a single module data. @T&C Apply.

# Half-Cut Mono Crystalline

**EASY SOLAR**®

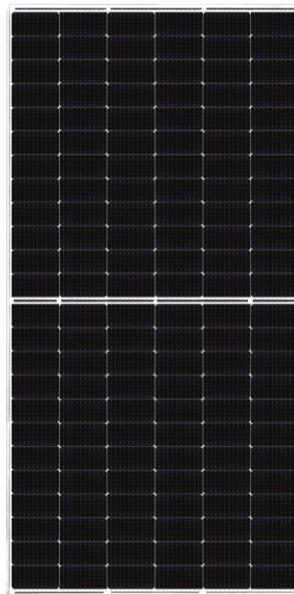
TECHNICAL DATA 445W - 545W

PERFORMANCE UNDER STANDARD TEST CONDITIONS (STC) (irradiance of 1000 W/m<sup>2</sup>, spectrum AM 1.5 and cell temperature of 25°C.)

Nominal Maximum Power (Pmax)	455W	545W
Optimum Operating Voltage (Vmp)	39.10	42.02
Optimum Operating Current (Imp)	11.66	12.9
Open Circuit Voltage (Voc)	48.90	50.14
Short Circuit Current (Isc)	12.49	13.55
Module Eff(%)	21	21.1

## Mechanical Specifications

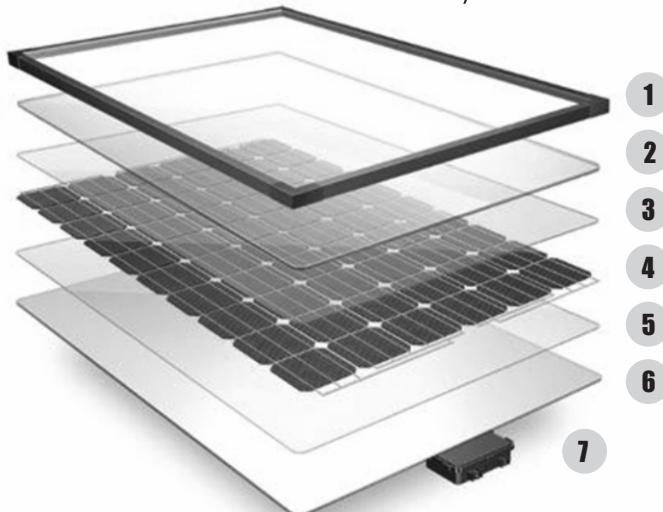
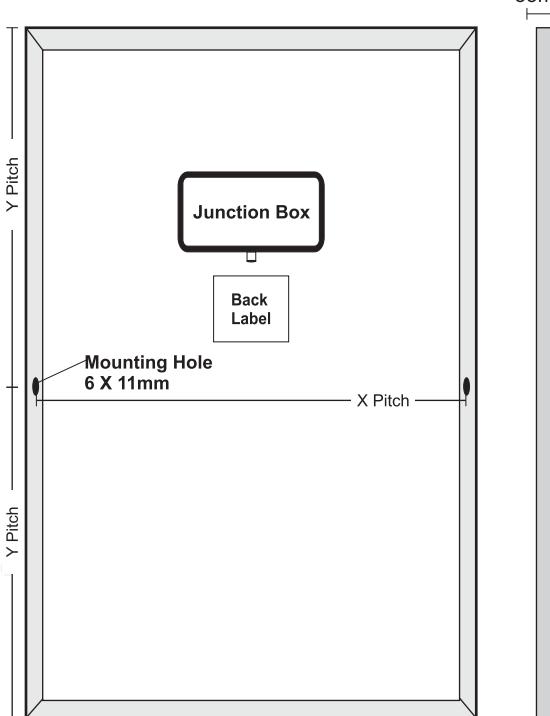
Dimensions (Length in mm)	2102	2279
Dimensions (Width in mm)	1040	1133
Dimensions (Height in mm)	35	35
Weight(kg)	22	27
No Of Cell	144	144



- 1) Aluminum Frame
- 2) Solar Tempered Glass
- 3) Encapsulant
- 4) Solar Cell String
- 5) Encapsulant
- 6) Backsheet
- 7) Junction Box

BACK VIEW

SIDE VIEW



\*All dimensions are in mm with +/-1% tolerance.

## MAXIMUM OPERATING CONDITIONS

Operating Temperature:	-40°C to +85°C
Maximum System Voltage:	1500V
Maximum Series Fuse Rating:	20-25A

## TEMPERATURE COEFFICIENTS

Current Temperature Coefficients $\alpha(I_{sc})$ :	0.021%/ $^{\circ}$ C
Voltage Temperature Coefficients $\beta(V_{oc})$ :	-0.291%/ $^{\circ}$ C
Power Temperature Coefficients $\gamma(P_{max})$ :	-0.397%/ $^{\circ}$ C

**Caution:** Please read safety and installation instructions before using the product. **Warranty:** Linear power warranty for 27 years up to 2.5% for 1st year degradation and 0.67% from year 2 to year 27. Please read EASY SOLAR warranty documents thoroughly. **Disclaimer:** specifications included in the datasheet are subject to change without prior notice owing to conditions innovation on the product Development and R&D Activities. EASY SOLAR reserves the right to make any adjustment to the information described here, Dataset contained in this specification do not form a representative of a single module data. @T&C Apply.