

PHOTOVOLTIC MODULE 290-320 W  
PRODUCT DATA SHEET



Mono Crystalline PV Module  
290-320 W

## Product Information

- Made In Saudi Arabia
- Mono Crystalline 18-19%
- 60-66 Cells ( 10-11 X 6 )
- All PV Modules Components Are TUV Certified

## Warranty

- 10 Years for Product
- 25 Years for Power Output

## Efficiency

Mono Crystalline Solar Cells (18 up to 19%) With Grade a Cells.

## Low Light / Performance

Advanced Coated Glass To Increase the Light for the Panel Surface. Extra Space Between Aluminum and Last Cell for Dust.

## Weather

Wind Load Up to 3800 Pa/ Snow 5400 Pa.

## Quality

Hight Quality of Back Sheet, Eva Sheet, and Glass as of TUV Certified Material To Ensure the PV Module Product Standard Tests.



TUV Certified IEC 61701, 62716

## PV Module Main Data Sheet

	PVD - 290	PVD - 320
Max power (Pmax)	290 W	320 W
Max Power Voltage (Vmp)	31.9V	34.9V
Max Power Current (Imp)	9.08A	9.08A
Open Circuit Voltage (Voc)	39.9V	40.2V
Short Circuit Current (Isc)	9.45A	9.45A
Module Efficient STC (%)	18%	18-19%
Operating Temperature (C)	-40C / +85C	
Max System Array Voltage	1000VDC	
Max Series Fuse Rating	15A	
Power Tolerance	0~+3W	
Temperature coefficient of Pmax	-0.42% / C	
Temperature coefficient of Voc	-0.32% / C	
Temperature coefficient of Isc	0.05% / C	
Nominal Operating cell temperature (NOCT)	45 ± 2 C	

## PV Module Mechanical Data

	PVD - 290	PVD - 320
Cell type	Mono Crystalline 156x156 (6inch)	
Number of cells	60	66
Dimension	1640*992*40 mm	1800*992*40 mm
Weight	18.5 KG	19.2
Front Glass	3.2 High Transmission Low Iron Coated tempered glass	
Aluminum Frame	Anodized Aluminum Alloy T5	
Junction Box	Waterproof IP67 - 4/6 diodes	
Output Cables	TUV 1.4 mm, Length : 900 mm	

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