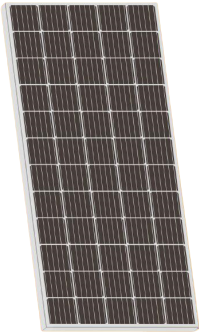


PERC MONOCRYSTALLINE SOLAR PANEL PVS-310W/330W-60M



Introduction:

Redefined the high-efficiency module series by integrating 182mm silicon wafers with PERC cell technologies. Our panel combined creative technology effectively and extremely improved the module efficiency and power output.

Key Features:

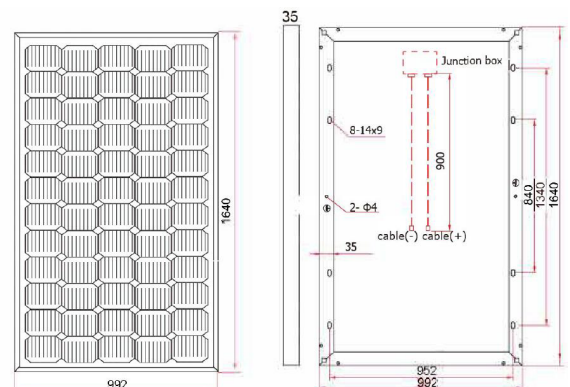
- Less mismatch to get more power
- Less power loss by minimizing the shading impact
- Competitive low light performance
- 3 times EL test to ensure best quality
- Anti-PID
- Ideal choice for utility and commercial scale projects by reduced BoS and improved ROI
- Outstanding reliability proven by PVEL for stringent Environment condition: Sand, acid, salt and hail stones, 2400Pa wind load and 5400Pa snow load

Electrical Characteristics: STC: Irradiance 1000 W/m² module temperature 25 C AM=1.5

Module Type	PVS-310W-60M	PVS-315W-60M	PVS-320W-60M	PVS-325W-60M	PVS-330W-60M
Maximum Power (Pmp)	310W	315W	320W	325W	330W
Open Circuit Voltage (Voc)	43.36V	43.50V	43.74V	43.92V	44.20V
Short Circuit Current (Isc)	9.26A	9.39A	9.48A	9.59A	9.70A
Maximum Power Voltage (Vmp)	36.13V	36.25V	36.45V	36.60V	36.83V
Maximum Power Current (Imp)	8.58A	8.69A	8.78A	8.88A	8.96A
Cell Efficiency at STC(%)	21.90%	22.30%	22.60%	23.00%	23.30%
Maximum System Voltage	1500VDC				
Maximum Series Fuse Rating	20A				
Power Tolerance	0~+3%				

Mechanical Specifications:

External Dimensions	1640x992x35 mm
Solar Cells	182mm*130mm (60cells)
Front Glass	3.2mm tempered glass
Frame	Anodized aluminum alloy
Junction Box	IP68 with 3 bypass diodes
Output Cables	4mm ² 900mm
Weight	18kg (Approximate)
Mechanical Load	Front side 5400Pa Rear side 2400Pa



Temperature ratings (STC):

Temperature Coefficient of Isc	+0.050%/°C
Temperature Coefficient of Voc	-0.230%/°C
Temperature Coefficient of Pmax	-0.290%/°C

Product warranty:

15 years guarantee on product material and workmanship
 25 years guarantee on Liner power output

Quality Standard: IEC61215-1-1:2021, IEC61730-1 :2018, IEC61730-2:2018, Fire safety Class C