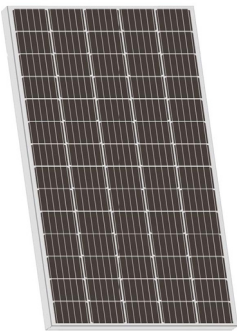




PERC MONOCRYSTALLINE SOLAR PANEL PVS-360W/380W-70M



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:

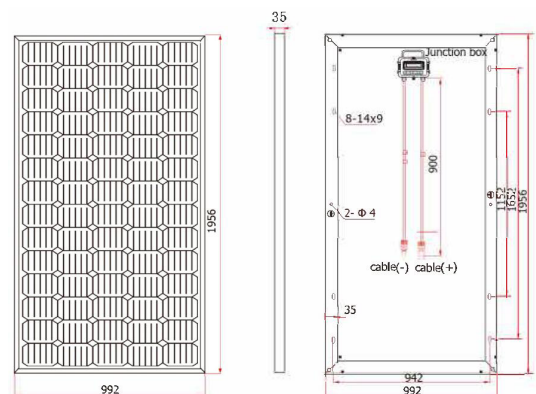
- Less mismatch to get more power
- Less power loss by minimizing the shading impact
- Competitive low light performance
- 3 times EL test to ensure best quality
- Anti-PID
- Ideal choice for utility and commercial scale projects by reduced BoS and improved ROI
- Outstanding reliability proven by PVEL 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-360W-70M	PVS-365W-70M	PVS-370W-70M	PVS-375W-70M	PVS-380W-70M
Maximum Power (Pmp)	360W	365W	370W	375W	380W
Open Circuit Voltage (Voc)	50.35V	50.69V	50.92V	51.02V	51.12V
Short Circuit Current (Isc)	9.27A	9.33A	9.42A	9.53A	9.64A
Maximum Power Voltage (Vmp)	41.96V	42.25V	42.43V	42.52V	42.60V
Maximum Power Current (Imp)	8.58A	8.64A	8.73A	8.82A	8.93A
Cell Efficiency at STC(%)	21.90%	22.10%	22.40%	22.80%	23.10%
Maximum System Voltage	1500VDC				
Maximum Series Fuse Rating	20A				
Power Tolerance	0~+3%				

Mechanical Specifications:

External Dimensions	1956x992x35 mm
Solar Cells	182mm*130mm (70cells)
Front Glass	3.2mm tempered glass
Frame	Anodized aluminum alloy
Junction Box	IP68 with 3 bypass diodes
Output Cables	4mm ² 900mm
Weight	22kg (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