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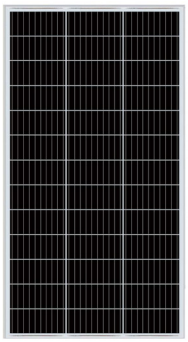
PERC MONOCRYSTALLINE SOLAR PANEL

PVS-170W/190W-39M



Introduction:

Redefined the high-efficiency module series by integrating 210mm silicon wafers with PERC cell technologies. Our panel combined creative technology effectively and extremely improved the module efficiency and power output.

Key Features:

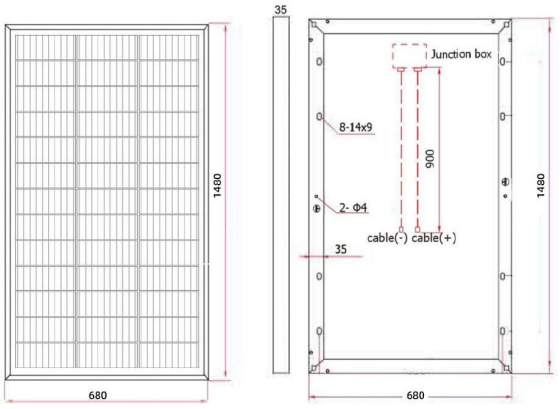
- Less mismatch to get more power
- Less power loss by minimizing the shading impact
- Competitive low light performance
- 3 times EL test to ensure best quality
- Anti-PID
- Ideal choice for utility and commercial scale projectsby reduced BoS and improved ROI
- Outstanding reliability proven by PVEL 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-170W-39M	PVS-175W-39M	PVS-180W-39M	PVS-185W-39M	PVS-190W-39M
Maximum Power (Pmp)	170W	175W	180W	185W	190W
Open Circuit Voltage (Voc)	27.89V	28.15V	28.40V	28.65V	28.90V
Short Circuit Current (Isc)	10.31A	10.52A	10.73A	10.92A	11.12A
Maximum Power Voltage (Vmp)	21.45V	21.65V	21.84V	22.04V	22.23V
Maximum Power Current (Imp)	7.93A	8.09A	8.25A	8.40A	8.55A
Cell Efficiency at STC(%)	19.80%	20.40%	21.00%	21.50%	22.10%
Maximum System Voltage	1500VDC				
Maximum Series Fuse Rating	15A				
Power Tolerance	0~+3%				

Mechanical Specifications:

External Dimensions	1480x680x35 mm
Solar Cells	210mm*105mm (39cells)
Front Glass	3.2mm tempered glass
Frame	Anodized aluminum alloy
Junction Box	IP67 with bypass diodes
Output Cables	2.5mm2 900mm
Weight	12kg (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