



PERC MONOCRYSTALLINE SOLAR PANEL PVS-210W/250W-64M



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:

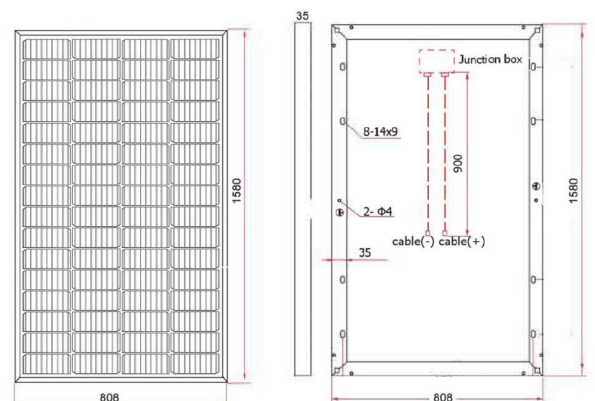
- Less mismatch to get more power
- Less power loss by minimizing the shading impact
- Competitive low light performance
- 3 times EL test to ensure best quality
- Anti-PID
- Ideal choice for utility and commercial scale projects by reduced BoS and improved ROI
- Outstanding reliability proven by PVEL 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-210W-64M	PVS-220W-64M	PVS-230W-64M	PVS-240W-64M	PVS-250W-64M
Maximum Power (Pmp)	210W	220W	230W	240W	250W
Open Circuit Voltage (Voc)	42.47V	43.00V	43.58V	43.97V	44.80V
Short Circuit Current (Isc)	6.46A	6.55A	6.64A	6.73A	6.82A
Maximum Power Voltage (Vmp)	37.23V	38.02V	38.53V	39.04V	39.55V
Maximum Power Current (Imp)	5.65A	5.79A	6.01A	6.15A	6.32A
Cell Efficiency at STC(%)	20.10%	21.00%	21.90%	22.80%	23.70%
Maximum System Voltage	1500VDC				
Maximum Series Fuse Rating	25A				
Power Tolerance	0~+3%				

Mechanical Specifications:

External Dimensions	1580x808x35 mm
Solar Cells	182mm*91mm (64cells)
Front Glass	3.2mm tempered glass
Frame	Anodized aluminum alloy
Junction Box	IP67 with bypass diodes
Output Cables	4mm ² 900mm
Weight	16.5kg (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