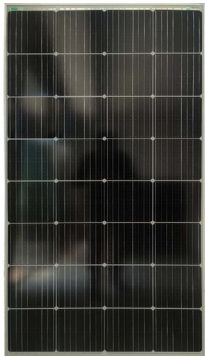




PERC MONOCRYSTALLINE SOLAR PANEL PVS-230W/270W-32M



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:

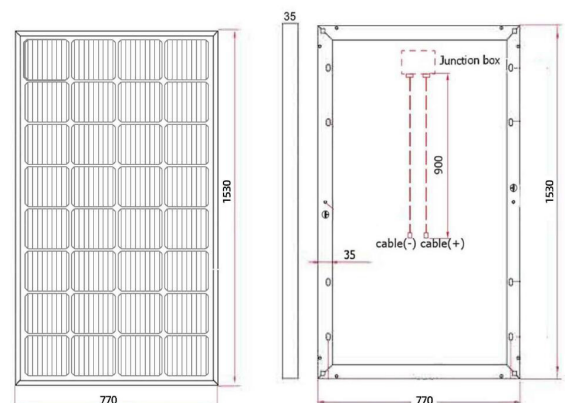
- Less mismatch to get more power
- Less power loss by minimizing the shading impact
- Competitive low light performance
- 3 times EL test to ensure best quality
- Anti-PID
- Ideal choice for utility and commercial scale projects by reduced BoS and improved ROI
- Outstanding reliability proven by PVEL 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-230W-32M	PVS-240W-32M	PVS-250W-32M	PVS-260W-32M	PVS-270W-32M
Maximum Power (Pmp)	230W	240W	250W	260W	270W
Open Circuit Voltage (Voc)	24.60V	25.01V	25.43V	25.85V	26.26V
Short Circuit Current (Isc)	15.81A	16.22A	16.62A	17.00A	17.38A
Maximum Power Voltage (Vmp)	18.92V	19.24V	19.56V	19.88V	20.20V
Maximum Power Current (Imp)	12.16A	12.48A	12.79A	13.08A	13.37A
Cell Efficiency at STC(%)	21.70%	22.64%	23.59%	24.53%	25.47%
Maximum System Voltage	1500VDC				
Maximum Series Fuse Rating	20A				
Power Tolerance	0~+3%				

Mechanical Specifications:

External Dimensions	1530x770x35 mm
Solar Cells	182mm*182mm (32cells)
Front Glass	3.2mm tempered glass
Frame	Anodized aluminum alloy
Junction Box	IP67 with bypass diodes
Output Cables	4mm ² 900mm
Weight	15kg (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