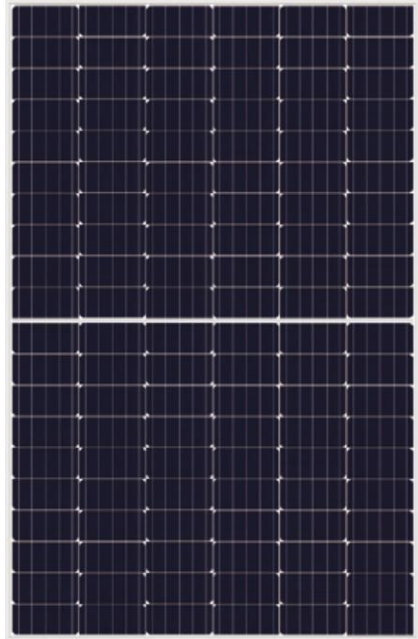


PVS-450W/460W-M10H

PERC Monocrystalline solar panel PVS-450W/460W-M10H









Certification:
CE
IEC61215-1-1:2021
IEC61730-1:2018
IEC61730-2:2018
Fire safety Class C

Redefined the high-efficiency module series by integrating 182mm silicon wafers with multi-busbar and half-cut cell technologies.

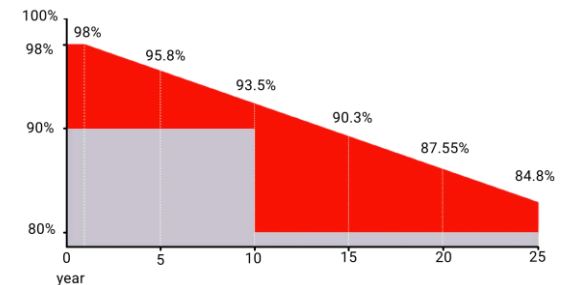
Our panel combined creative technology effectively and extremely improved the module efficiency and power output.

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
-  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
Anti-PID

WARRANTY:

Additional value from linear warranty



Guarantee on product material and workmanship



Linear power output warranty

PVS-450W/460W-M10H

PERC Monocrystalline solar panel PVS-450W/460W-M10H

Electrical Characteristics:

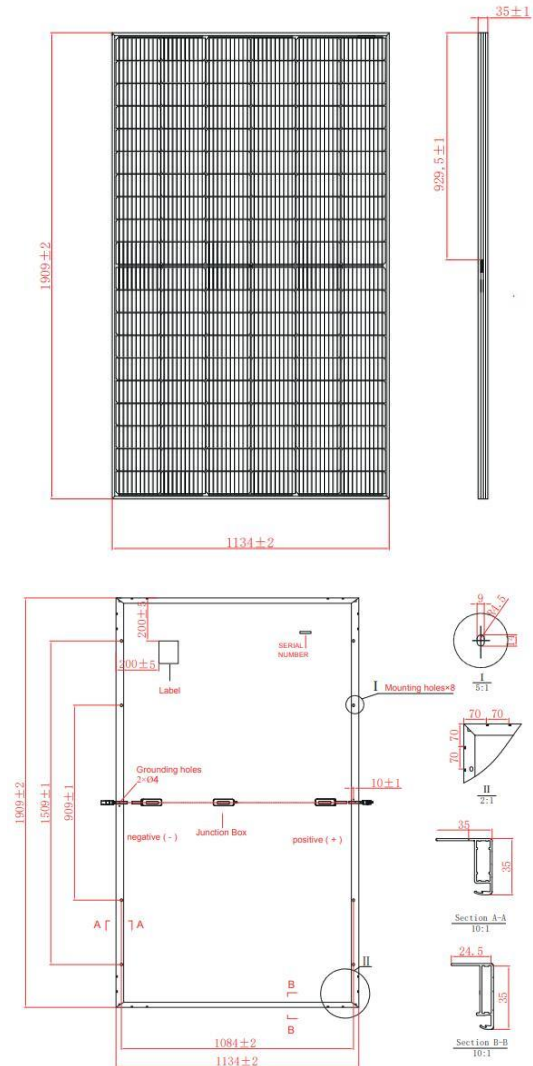
Module Type	PVS-450W-M10H	PVS-460W-M10H
Maximum Power (Pmp)	450W	460W
Open Circuit Voltage (Voc)	41.32V	41.52V
Short Circuit Current (Isc)	13.76A	13.96A
Maximum Power Voltage (Vmp)	34.28V	34.49V
Maximum Power Current (Imp)	13.13A	13.34A
Module Efficiency at STC(η_m)	20.79%	21.25%
Power Tolerance	(0,+3%)	
Maximum System Voltage	1500VDC	
Maximum Series Fuse Rating	25A	
STC: Irradiance 1000 W/m ² module temperature 25° C AM=1.5 Power measurement tolerance: +/-3%		

PVS-450W/460W-M10H

PERC Monocrystalline solar panel PVS-450W/460W-M10H

Mechanical Specifications:

External Dimensions	1909x1134x35 mm
Weight	22.3 kg
Solar Cells	PERC Mono (120pcs)
Front Glass	3.2mm tempered glass
Frame	Anodized aluminum alloy
Junction Box	IP68, 3 diodes
Output Cables	4.0mm ²
Mechanical Load	Front side 5400Pa Rear side 2400Pa



PVS-450W/460W-M10H

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Temperature Characteristics:

Pmax Temperature Coefficient	-0.34 %/° C
Voc Temperature Coefficient	-0.26 %/° C
Isc Temperature Coefficient	+0.05 %/° C
Operating Temperature	-40~+85 ° C
NOCT	45±2 ° C

Packing Configuration:

Container	20'GP	40'HQ
Pieces per Pallet	35	31
Pallets per Container	5	24
Pieces per Container	175	744

I-V Curve

