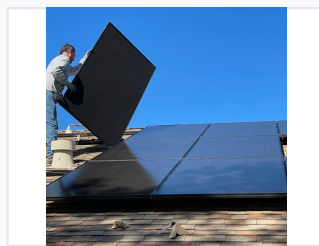
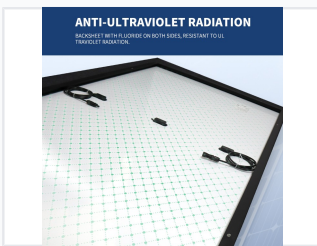


40W-450W Polycrystalline PERC 182 Solar Panel

This polycrystalline PERC 182 solar panel is engineered for optimal energy conversion. It offers a power output ranging from 40W to 450W, suitable for various solar energy systems.



ADDITIONAL IMAGES



Overview



High-efficiency PERC 182 cell solar panel featuring anti-PID technology and reinforced protection for reliable energy generation.

High-Efficiency PERC Solar Solution

This high-performance solar panel utilizes advanced PERC (Passivated Emitter Rear Cell) technology and 182mm cells to deliver optimal energy conversion. Engineered for durability and reliability, it features a robust frame, IP68 waterproof rating, and a specialized fluoride-coated backsheet for superior UV resistance. Available in a versatile power range from 40W to 450W, this polycrystalline solution is ideal for residential, commercial, and industrial energy projects.

Key Features

Environmental Resistance

Anti-UV Radiation • Fluoride-coated Backsheet • UL Compliant

Key Advantages

Anti-PID, Crack-proof Glass, High Conversion Rate, Green Energy, Reinforced Protection, IP68 Waterproof

Technical Specifications



Professional IP68-rated waterproof design with seal-lip glue injection for enhanced weather resistance.



Detailed view of the stable frame design and junction box, engineered for increased load-carrying capacity and longevity.

Power Output Range	40W - 450W
Waterproof Rating	IP68
Cell Technology	Polycrystalline PERC 182

Performance Data

Model Specifications

Model	Power (W)	Vmp (V)	Imp (A)	Voc (V)
SP040M	40	18.24	2.2	21.8
SP060M	60	18.24	3.3	21.8
SP080M	80	18.24	4.4	21.8
SP120M	120	18.24	6.6	21.8
SP160M	160	18.24	8.8	21.8
SP200M	200	18.24	10.97	21.8
SP240M	240	18.24	13.2	21.8
SP300M	300	34.2	8.77	41.04
SP360M	360	34.2	10.53	41.04
SP450M	450	34.2	13.15	41.04

Applications



Versatile solar panel suitable for residential, industrial, and commercial applications where reliable power generation is required.

Suitable Environments

- Residential
- Factory
- Building
- Hotel
- Countryside
- Stadium