



# JHPV TECH

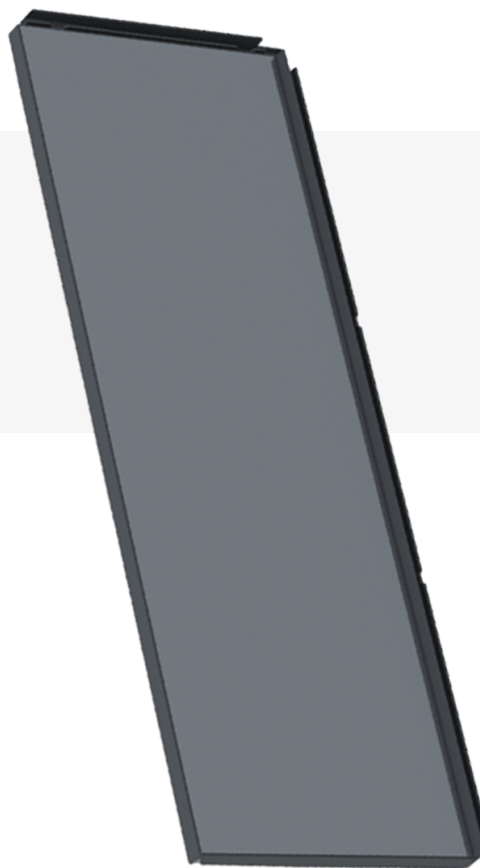
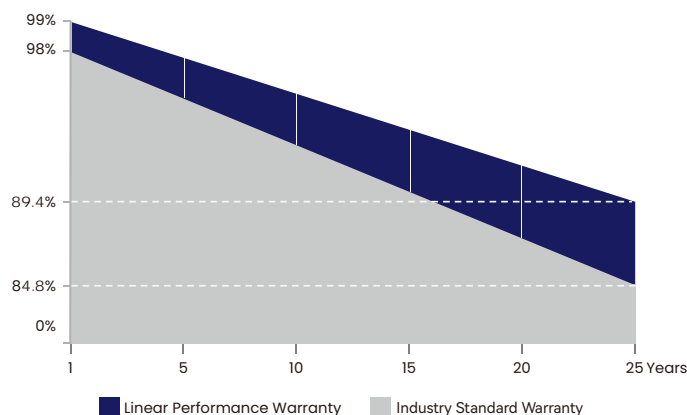
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## JH-W36FM 95W

**21.5% Efficiency**

95W 36 pcs

P-TYPE



**15 Years**  
Material & Craft  
Quality  
Assurance

**30 Years**  
84.8% Output  
Power  
Guarantee

### KEY FEATURES HIGHLIGHTS



Mono MBB half cut  
Original European Parts



EU Standard  
European Quality  
Control



PID Resistance  
High stability and torsion  
free with Wave Shape

### PRODUCT CERTIFICATIONS



Production process  
reliability test  
electro-luminance  
inspection



AR coating  
tolerance and lower  
resistive loss



Excellent Durability  
resistant to salt mist, ammonia,  
dust and sand, snail trail.



Reduce BOS cost  
increase ROI  
Low temp coefficient  
(PMax) for higher output



Wide Applications  
Durability against Extreme  
Environmental Conditions



Lower Losses  
Multi Busbar Technology for  
better Light trapping

## Roof Specifications

Batten Size	25mm x 50mm
Batten Spacing	250 - 262mm
Head lap	75 - 100mm
Roof Loading	12.5kg/m <sup>2</sup>
Power Output	185W/m <sup>2</sup>
Power Density	5.5m <sup>2</sup> /kW
Maximum System Voltage	1000Vdc
Rated Wind Uplift	1900Pa
Compatible Slates (w x h x t)	300mm x 600mm x 4 - 6mm
Roof Guarantee Parts Only	25 years

## Tile Physical Specifications

Dimensions (w x h x t)	1200 x 600 x 4.5mm
Weight	6.3kg
Cables	1000mm long x2
Cable Connectors	MC4 Compatible
Module Structure	Glass/EVA/Solar Cell/EVA/Back sheet
Encapsulant (EVA)	F406P and F806P
Back sheet	TPT (Black)

## Tile Electrics Specifications

Solar Cell Type	Monocrystalline Silicon x36
Maximum Power (P <sub>max</sub> )	95Wp
Voltage at Max. Power (V <sub>mp</sub> )	19.5V
Current at Max. Power (I <sub>mp</sub> )	4.87A
Open-Circuit Voltage (V <sub>oc</sub> )	23.01V
Short-Circuit Current (I <sub>sc</sub> )	5.3A
Solar Cell efficiency	22% or higher
Degradation	0.5% per year
Standard test conditions	1000W/m <sup>2</sup> , AM1.5, 25°C
Operating temperature	-40°C to +85°C
Storage temperature	-40°C to +85°C
Power tolerance	-3% to +3%
Temperature Coefficients of P <sub>max</sub>	-0.35%/°C
Temperature Coefficients of V <sub>oc</sub>	-0.27%/°C
Temperature Coefficients of I <sub>sc</sub>	-0.048%/°C
Output Guarantee	25 years for 80% of P <sub>max</sub>



Warning: Read the Installation and User Manual in it's entirety before handling, installing and operating Solar modules.



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## Tile Variants

We offer various fill-in tiles and blanks to enable tiling of different roof shapes and details.

Tile	Dimensions (mm)	Power Output (Wp)
Standard Tile (w x h x t)	1200 x 600 x 4.5	95
Half Tile (eaves and ridge)	1200 x 340 x 4.5	29
Fill-In Tile (900)	900 x 600 x 4.5	63
Fill-In Tile (600)	600 x 600 x 4.5	24
Blank Tile (for cutting)	1200 x 600 x 3.0	-