



JHPV TECH

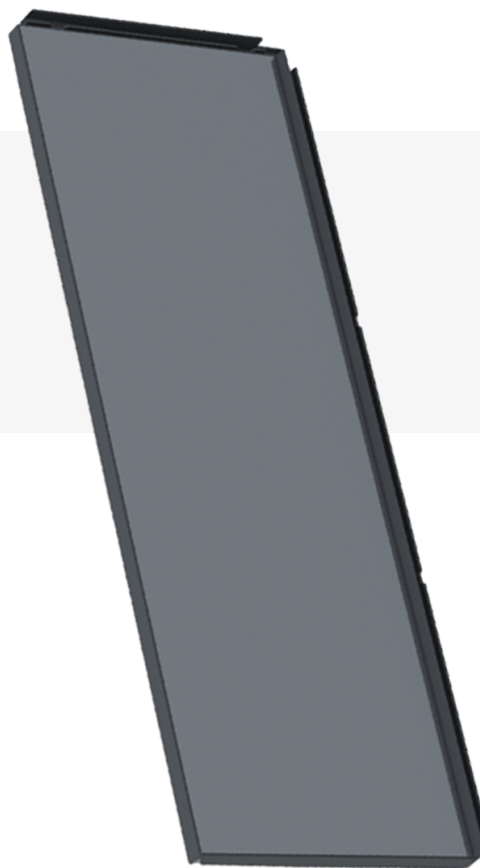
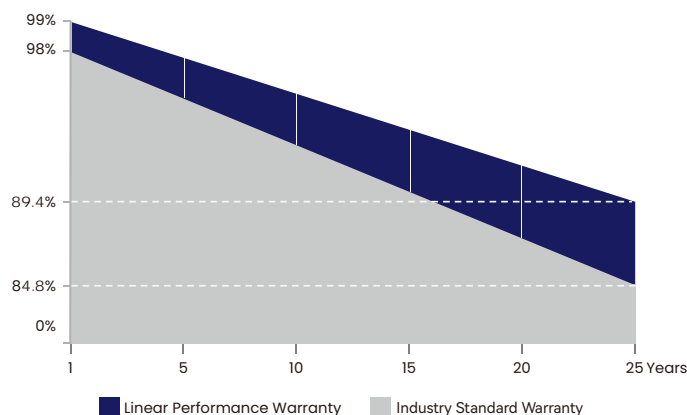
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JH-W36FM 95W

21.5% Efficiency

95W 36 pcs

P-TYPE



15 Years
Material & Craft
Quality
Assurance

30 Years
84.8% Output
Power
Guarantee

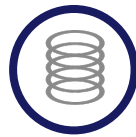
KEY FEATURES HIGHLIGHTS



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 ²
Power Output	185W/m ²
Power Density	5.5m ² /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 _{max})	95Wp
Voltage at Max. Power (V _{mp})	19.5V
Current at Max. Power (I _{mp})	4.87A
Open-Circuit Voltage (V _{oc})	23.01V
Short-Circuit Current (I _{sc})	5.3A
Solar Cell efficiency	22% or higher
Degradation	0.5% per year
Standard test conditions	1000W/m ² , 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 _{max}	-0.35%/°C
Temperature Coefficients of V _{oc}	-0.27%/°C
Temperature Coefficients of I _{sc}	-0.048%/°C
Output Guarantee	25 years for 80% of P _{max}



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	-