

WRS-XXX-36MH

POWER RANGE

540W~570W

CELL SIZE

182*91mm

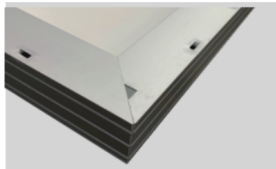


JUNCTION BOX

Waterproof protection grade: IP67/IP68
 Safety Class: Class II
 Max Voltage: 1500V
 Resistant to harsh environments



10BB



FRAME

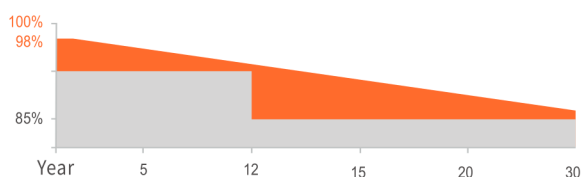
Strong mechanical load resistance up to 5400Pa
 Anodic oxidation layer resistant to chemical corrosion
 Available in silver and black.

QUALIFICATIONS & CERTIFICATES



• IEC61215 / • IEC61730

WARRANTY



20 YEARS Guarantee on product material and workmanship

30 YEARS Linear Power output warranty



PERC Technology

Additional rear layer allows cells to produce 6 to 12 percent more energy than conventional solar panels.



Half Cut Technology

New circuit design, lower internal current and lower internal resistance loss



Significantly avoiding heat spots

The unique circuit design reduces the temperature of heat spot significantly, reducing power loss and increasing modules output.



Lower Cost

Increased power generation can reduce the cost per kilowatt / hour.

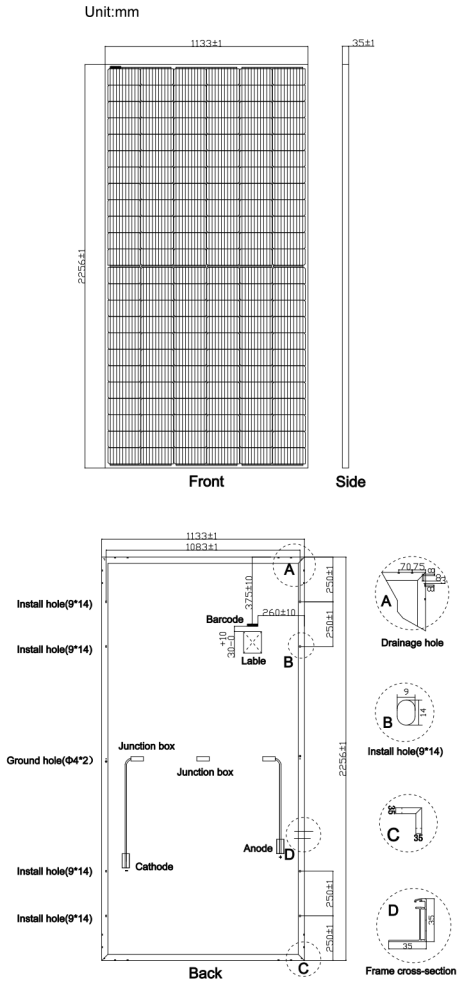


PID Resistant

Perfect resistance against PID (Potential Induced Degradation) passed the standard of TUV Nord.

WRS-XXX-36MH

PV DRAWINGS



ELECTRICAL DATA (STC)

Model Type	WRS 540-36MH	WRS 550-36MH	WRS 560-36MH	WRS 570-36MH
Peak Power (Pmax)	540	550	560	570
Maximum Power Voltage (Vmp)	41.76	42.10	42.17	42.22
Maximum Power Current (Imp)	12.93	13.06	13.29	13.51
Open Circuit Voltage (Voc)	49.50±3%	49.70±3%	49.90±3%	50.10±3%
Short Circuit Current (Isc)	13.61±3%	13.72±3%	13.81±3%	13.90±3%
Module Efficiency (%)	21.12	21.51	20.87	22.24

* STC: irradiance 1000 W/m², AM 1.5, and cell temperature of 25°C

ELECTRICAL DATA (NOCT)

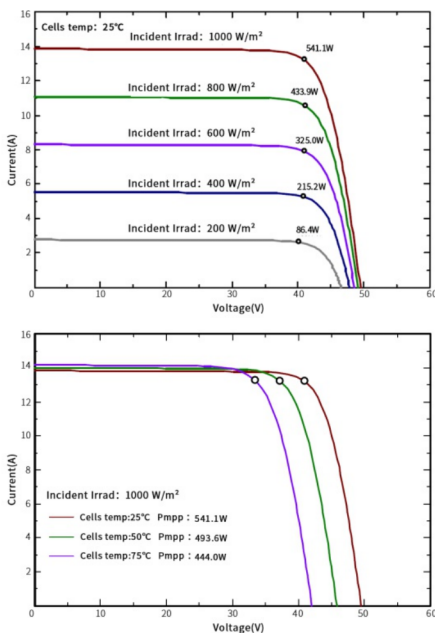
Model Type	WRS 540-36MH	WRS 550-36MH	WRS 560-36MH	WRS 570-36MH
Peak Power(Pmax)	401.40	408.90	415.06	421.88
Maximum Power Voltage(Vmp)	38.98	39.09	39.29	39.31
Maximum Power Current(Imp)	10.42	10.46	10.56	10.71
Open Circuit Voltage(Voc)	45.54±3%	46.92±3%	47.61±3%	48.10±3%
Short Circuit Current(Isc)	11.05±3%	11.20±3%	11.36±3%	11.53±3%

* NOCT: irradiance 800 W/m², AM 1.5, ambient temperature 20°C, wind speed 1 m/s

TEMPERATURE & MAXIMUM RATING

Maximum System Voltage (V)	1500 V
Maximum Series Fuse Rating (A)	25 A
Power Tolerance	0~+3 W
Pmax Temperature Coefficients (W/°C)	-0.350 %/°C
Voc Temperature Coefficient2s (V/°C)	-0.285 %/°C
Isc Temperature Coefficients (A/°C)	+0.045 %/°C
NOCT Nominal Operating Cell Temperature (°C)	45±2°C
Operating and Storage Temperature (°C)	-40~+85°C

IV CURVE



MECHANICAL CHARACTERISTICS

Cell Type	182x91 Mono
No. of Cells	144 (12x12)
Dimensions	2256x1135x35mm
Weight	28.40 kg
Front Glass	3.2mm high transmission, low iron, tempered glass
Frame	Anodized Aluminium Alloy
Junction box	IP67/IP68 3diodes
Output cables	4mm ² cable 35mm (Including MC4 connector)
MaxWind Load/Snow Load	2400Pa/5400Pa

PACKING WAY

40HQ container

20 Packages/ 620pcs



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