

WRS XXX 30MH

POWER RANGE

360W~400W

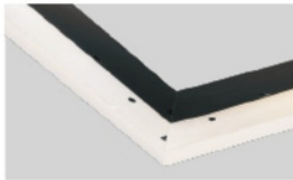
CELL FEATURE

166*83



JUNCTION BOX

High waterproof rating
Protection Degree: IP68
Safety Class: Class II
Rated Voltage: 1500V



FRAME

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



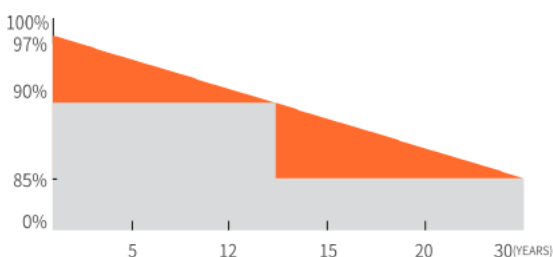
9BB

QUALIFICATIONS & CERTIFICATES



·IEC61215 / · IEC61730

WARRANTY



20 YEARS

Guarantee on product material and workmanship

30 YEARS

Linear Power output warranty



MBB CELLS

More uniform current collection reduces the current loss of the cell inside panels



Anti-reflective Glass

Increases the light absorption and reduces the power loss caused by the self-cleaning in rain.



Excellent performance in low irradiance

Enables solar panels to generate electricity in the morning and on cloudy or rainy days.



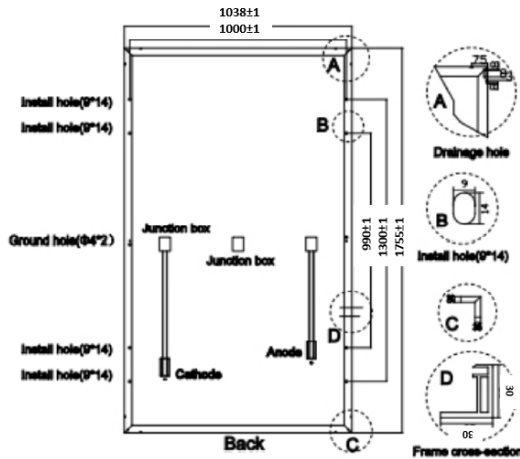
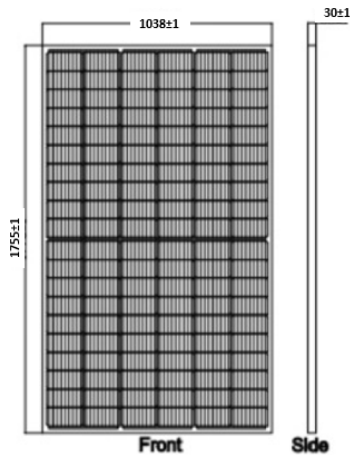
PID Resistant

Perfect resistance against PID (Potential Induced Degradation) to secure your investment.

WRS XXX 30MH

PV DRAWINGS

Unit: mm



ELETTRICAL DATA (STC)

Model Type	WRS360 30MH	WR370 30MH	WRS380 30MH	WRS390 30MH	WRS400 30MH
Peak Power (Pmax)	360.00	370.00	380.00	390.00	400.00
Maximum Power Voltage (Vmp)	34.00	34.40	34.80	35.02	35.38
Maximum Power Current (Imp)	10.59	10.76	10.92	11.15	11.31
Open Circuit Voltage (Voc)	40.50 ± 3%	40.90 ± 3%	41.30 ± 3%	42.69 ± 3%	42.93 ± 3%
Shot Circuit Current (Isc)	11.35 ± 3%	11.52 ± 3%	11.69 ± 3%	11.86 ± 3%	12.21 ± 3%
Cells Efficiency (%)	21.89	22.13	22.75	23.20	23.65
Module Efficiency (%)	19.76	20.03	20.85	21.40	21.90

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

ELETTRICAL DATA (NOCT)

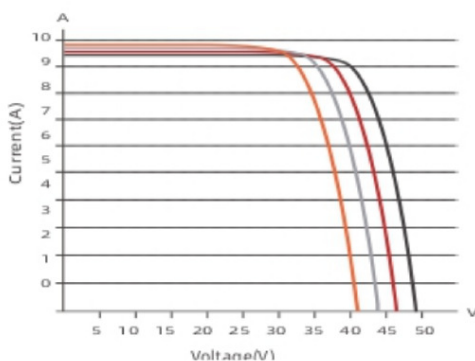
Model Type	WRS360 30MH	WR370 30MH	WRS380 30MH	WRS390 30MH	WRS400 30MH
Peak Power (Pmax)	268.80	276.30	283.80	289.40	294.18
Maximum Power Voltage (Vmp)	31.70	32.00	32.40	32.70	32.98
Maximum Power Current (Imp)	8.49	8.63	8.76	8.85	8.92
Open Circuit Voltage (Voc)	38.00 ± 3%	38.30 ± 3%	38.70 ± 3%	39.10 ± 3%	39.50 ± 3%
Shot Circuit Current (Isc)	9.17 ± 3%	9.32 ± 3%	9.45 ± 3%	9.57 ± 3%	9.69 ± 3%

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

TEMPERATURE & MAXIMUM RATING

Maximum System Voltage (V)	1500
Maximum Series Fuse Rating (A)	20
Power Tolerance	0 ± 3 W
Pmax Temperature Coefficient (W/°C)	- 0.370 %
Voc Temperature Coefficient (V/°C)	- 0.286 %
Isc Temperature Coefficient (A/°C)	+ 0.057 %
NOCT Nominal Operating Cell Temperature (°C)	45 ± 2
Operating ana Storage Temperature (°C)	- 40 ÷ +85

IV CURVE



MECHANICAL CHARACTERISTICS

Cell. Type	166x83
N° of Cells	120 (12x10)
Dimensions	1755x1038x30 mm
Weight	19.5 kg
Front Glass	3.2 mm high transmission, low iron, tempered glass
Frame	Anodized Aluminium Alloy
Junction box	IP67/IP68 3 diodes
Output cables	4 mm ² cable 55 mm (including MC4 connector)
MaxWind Load/Snow Load	2400 Pa / 5400 Pa

PACKING WAY

40HQ container	26 Packages / 1014 pcs
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