

WRS-120HCLM

POWER RANGE

360W~400W

CELL FEATURE

166*83, 23.71%



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.



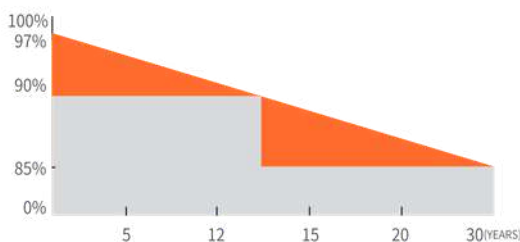
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QUALIFICATIONS & CERTIFICATES



· 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.



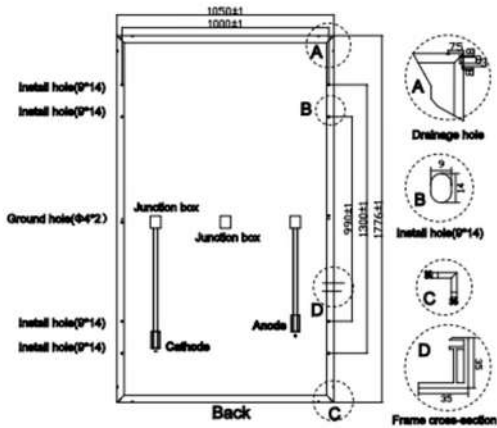
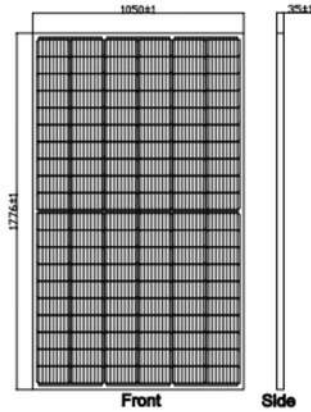
PID Resistant

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

WRS-120HCLM

PV DRAWINGS

Unit:mm



ELECTRICAL DATA (STC)

| Model Type | WRS 360- MH30 | WRS 370- MH30 | WRS 380- MH30 | WRS 390- MH30 | WRS 400- MH30 |
|----------------------------|---------------|---------------|---------------|---------------|---------------|
| Peak Power(Pmax) | 360.00 | 370.00 | 380.00 | 390.00 | 400.00 |
| Maximum Power Voltage(Vmp) | 33.70 | 34.50 | 34.50 | 34.90 | 35.38 |
| Maximum Power Current(Imp) | 10.69 | 11.02 | 11.02 | 11.18 | 11.33 |
| Open Circuit Voltage(Voc) | 40.90 | 41.85 | 41.85 | 42.23 | 42.23 |
| Short Circuit Current(Isc) | 11.20 | 11.64 | 11.64 | 11.81 | 11.98 |
| Cells Efficiency(%) | 21.89 | 23.11 | 23.11 | 23.71 | 24.30 |
| Module Efficiency(%) | 19.30 | 20.37 | 20.37 | 20.90 | 21.13 |

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

ELECTRICAL DATA (NOCT)

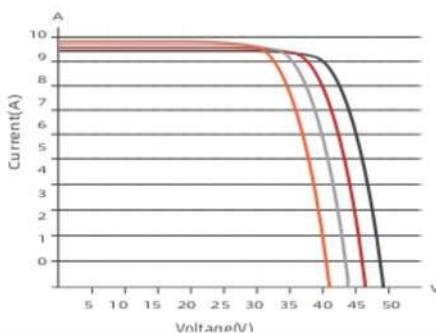
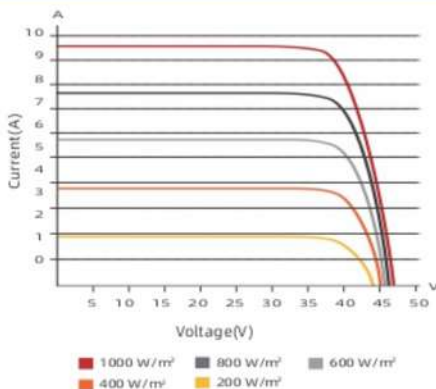
| Model Type | WRS 360- MH30 | WRS 370- MH30 | WRS 380- MH30 | WRS 390- MH30 | WRS 400- MH30 |
|----------------------------|---------------|---------------|---------------|---------------|---------------|
| Peak Power(Pmax) | 266.70 | 274.10 | 282.00 | 290.00 | 303.00 |
| Maximum Power Voltage(Vmp) | 31.10 | 31.50 | 31.87 | 32.24 | 32.61 |
| Maximum Power Current(Imp) | 8.57 | 8.71 | 8.85 | 9.00 | 9.16 |
| Open Circuit Voltage(Voc) | 38.20 | 38.50 | 39.01 | 39.45 | 39.91 |
| Short Circuit Current(Isc) | 9.03 | 9.17 | 9.39 | 9.55 | 9.71 |

* 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 |
| Maximum Series Fuse Rating (A) | 20 |
| Power Tolerance | 0~+3 % |
| Pmax Temperature Coefficients (W/°C) | -0.370 % |
| Voc Temperature Coefficient2s (V/°C) | -0.286 % |
| Isc Temperature Coefficients (A/°C) | +0.057 % |
| NOCT Nominal Operating Cell Temperature (°C) | 45±2 |
| Operating and Storage Temperature (°C) | -40~+85 |

IV CURVE



MECHANICAL CHARACTERISTICS

| | |
|------------------------|---|
| Cell Type | 166x83 Mono |
| No. of Cells | 120 (12x10) |
| Dimensions | 1776x1050x35mm |
| Weight | 20.0kg |
| Front Glass | 3.2mm high transmission, low iron, tempered glass |
| Frame | Anodized Aluminium Alloy |
| Junction box | IP68 3 diodes |
| Output cables | 4mm ² cable 90cm+mc4 |
| MaxWind Load/Snow Load | 2400Pa/5400Pa |

PACKING WAY

40HQ container

26 Packages/ 850pcs



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