

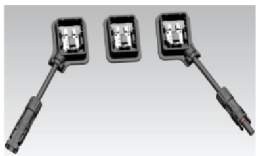
WRS XXX- 27 MH

POWER RANGE

390W~410W

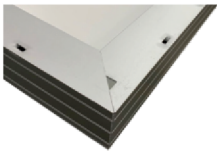
CELL SIZE

182*91mm



JUNCTION BOX

Waterproof protection grade: IP67/IP68
Safety Level: Class II
Maximum System Voltage: 1 500V
Outstanding waterproof level,
effectively resists harsh environments



FRAME

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



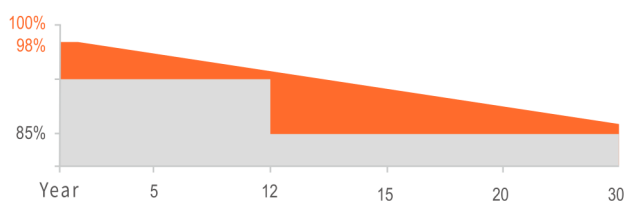
10BB

QUALIFICATIONS & CERTIFICATES



· IEC61215 / · IEC61730

WARRANTY



20
YEARS

Guarantee on product material and workmanship

30
YEARS

Linear Power output warranty



Half-cut Technology

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



Significantly avoiding heat spot

The unique circuit design to reduce the temperature of heat spot significantly, to reduce the power loss and increase the output of



Lower Cost

Increasing power generation can reduce the cost per kilowatt-hour

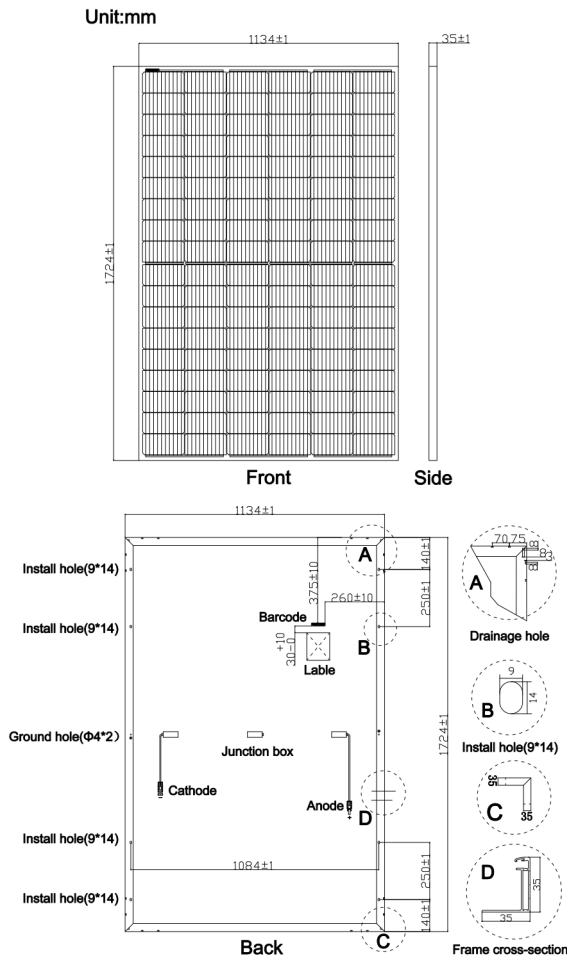


PID Resistant

The performance of PID resistance (Potential Induced Degradation) passed the standard of TUV Nord.

WRS XXX- 27 MH

PV DRAWINGS



ELECTRICAL DATA (STC)

Model Type	WRS 390-27V -MH	WRS 395-27V -MH	WRS 400-27V -MH	WRS 405-27V -MH	WRS 410-27V -MH
Peak Power (Pmax)	390.00	395.00	400.00	405.00	410.00
Maximum Power Voltage (Vmp)	30.82	30.98	31.14	31.30	31.46
Maximum Power Current (Imp)	12.66	12.76	12.85	12.94	13.04
Open Circuit Voltage (Voc)	36.65±3%	36.85±3%	37.05±3%	37.25±3%	37.45±3%
Short Circuit Current (Isc)	13.49±3%	13.58±3%	13.67±3%	13.76±3%	13.85±3%
Module Efficiency (%)	19.94	20.20	20.46	20.71	20.97

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

ELECTRICAL DATA (NOCT)

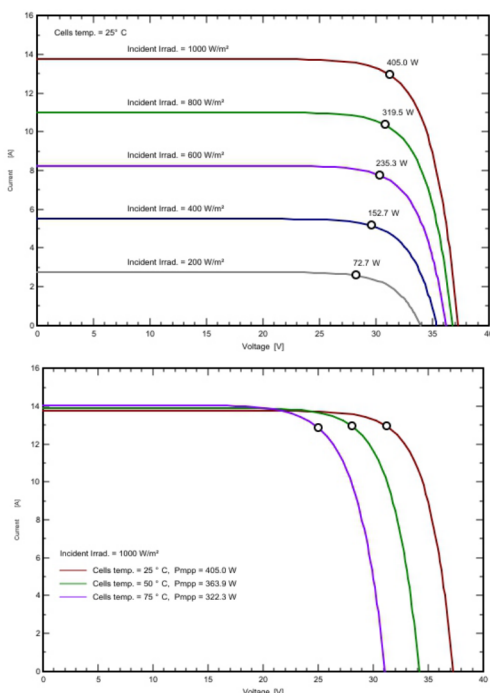
Model Type	WRS 390-27V -MH	WRS 395-27V -MH	WRS 400-27V -MH	WRS 405-27V -MH	WRS 410-27V -MH
Peak Power(Pmax)	290.0	293.7	297.4	301.1	304.8
Maximum Power Voltage(Vmp)	28.56	28.72	28.88	29.04	29.20
Maximum Power Current(Imp)	10.16	10.23	10.30	10.37	10.44
Open Circuit Voltage(Voc)	34.33±3%	34.51±3%	34.69±3%	34.87±3%	35.05±3%
Short Circuit Current(Isc)	10.84±3%	10.92±3%	11.00±3%	11.08±3%	11.16±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
Maximum Series Fuse Rating (A)	25A
Power Tolerance	0~+3 %
Pmax Temperature Coefficients (W/°C)	-0.350 %
Voc Temperature Coefficient2s (V/°C)	-0.285 %
Isc Temperature Coefficients (A/°C)	+0.045 %
NOCT Nominal Operating Cell Temperature (°C)	45±2
Operating and Storage Temperature (°C)	-40~+85

IV CURVE (405W)



MECHANICAL CHARACTERISTICS

Cell Type	182x91 Mono
No. of Cells	108 (12x9)
Dimensions	1724x1134x35mm
Weight	21.5 kg
Front Glass	3.2mm high transmission, low iron, tempered glass
Frame	Anodized Aluminium Alloy
Junction box	IP67/IP68 3 diodes
Output cables	4mm ² cable 35cm (includes MC4 connector)
MaxWind Load/Snow Load	2400Pa/5400Pa

PACKING WAY

40HQ container	26 Packages/ 806pcs
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