

M6 P-TYPE MODULE

450W-470W

Premium Quality *Bifacial Transparent Backsheet*

144 CELL

M6 MONO PERC

21.62%

MAXIMUM EFFICIENCY

0 to +5W

POSITIVE POWER TOLERANCE



Higher Output of Power



For Environment For Future



Optimize the Temperature Coefficient



Reduce Equipment & Material Cost



Module Type		PW-72M450HM6		PW-72M455HM6		PW-72M460HM6		PW-72M465HM6		PW-72M470HM6	
Test Environment		STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power	P _{MAX} (W)	450	333.4	455	337.2	460	341	465	344.8	470	348.6
Maximum Power Voltage	V _{MPP} (V)	41.39	38.28	41.59	38.48	41.79	38.68	41.99	38.88	42.19	39.08
Maximum Power Current	I _{MPP} (A)	10.88	8.69	10.95	8.74	11.02	8.79	11.09	8.84	11.16	8.89
Open Circuit Voltage	V _{OC} (V)	50.02	46.68	50.22	46.88	50.42	47.08	50.62	47.28	50.82	47.48
Short Circuit Current	I _{SC} (A)	11.49	9.21	11.56	9.26	11.63	9.31	11.7	9.36	11.77	9.41
Tolerance	(W)	0 - +5		0 - +5		0 - +5		0 - +5		0 - +5	
Module Efficiency	(%)	20.70		20.93		21.16		21.39		21.62	

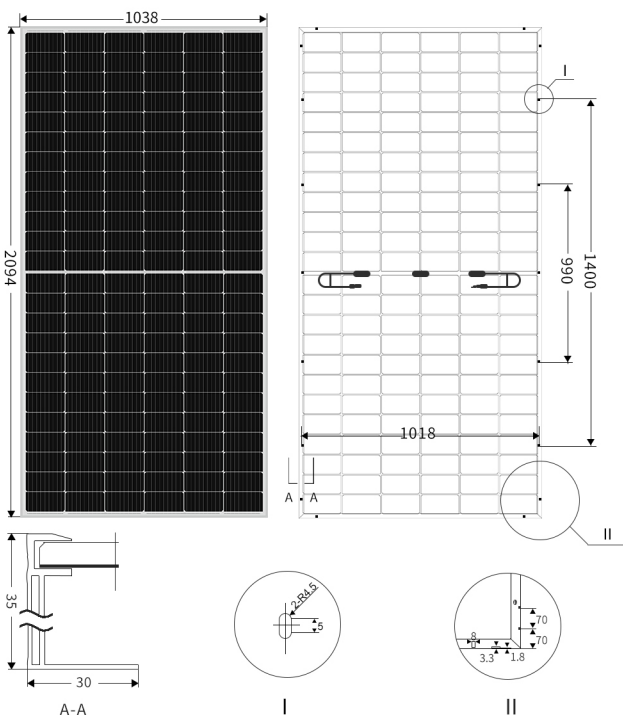
STC: Irradiance 1000 W/m², Cell Temperature 25°C, Air Mass AM1.5 according to EN 60904-3. Average efficiency reduction of 4.5% at 200W/m² according to EN 60904-1

NOCT: Irradiance at 800 W/m², Ambient Temperature 20°C, Wind Speed 1m/s.

BIFACIAL OUTPUT-REAR SIDE POWER GAIN 10% FOR REFERENCE

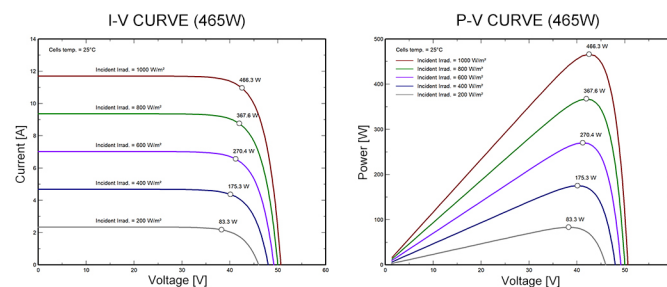
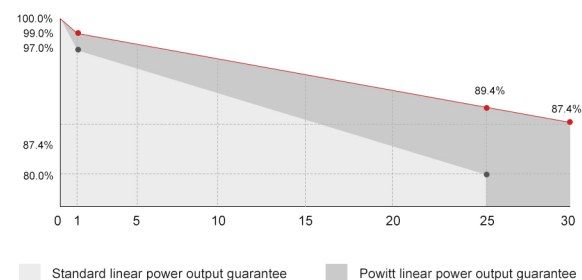
Module Type	PW-72M450HM6	PW-72M455HM6	PW-72M460HM6	PW-72M465HM6	PW-72M470HM6
P _{max} (W)	495	500.5	506	511.5	517
V _{oc} (V)	50.02	50.22	50.42	50.62	50.82
I _{sc} (A)	12.63	12.71	12.79	12.87	12.94
V _{mp} (V)	41.39	41.59	41.79	41.99	42.19
I _{mp} (A)	11.96	12.03	12.11	12.18	12.25

DIMENSIONS OF PV MODULE



LINEAR PERFORMANCE WARRANTY

15 Year Product Warranty 30 Year Linear Power Warranty



MECHANICAL DATA

Cell Type	Mono PERC	Nominal Operating Cell Temperature(NOCT)	45±2°C
No. of Cells	144 (6 x 24)	Temperature Coefficient of P _{MAX}	-0.35%/°C
Module Dimensions	2094 x 1038 x 35mm	Temperature Coefficient of V _{OC}	-0.28%/°C
Weight	23.5kg	Temperature Coefficient of I _{SC}	+0.048%/°C
Glass	Anti-Reflective, AR Coated and Heat Tempered Solar Glass-3.2mm	MAXIMUM RATINGS	
Backsheet	Transparent	Operational Temperature	-40 to +85°C
Frame	Anodized Aluminium Alloy	Maximum System Voltage	1500V DC
Junction Box	IP 68 Rated	Max Series Fuse Rating	20A
Cables	4.0mm ² , 350mm or Customized Length	Mechanical Load	5400pa
Connector	MC4 Compatible	Wind Load	2400pa

PACKAGING CONFIGURATION 31 pcs/Pallet, 726 pcs/40'HQ

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Version No. PWS202311V03



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