

M6 P-TYPE MODULE

450W-470W

Premium Quality *Monofacial*

144 CELL

M6 MONO PERC

21.62%

MAXIMUM EFFICIENCY

0 to +5W

POSITIVE POWER TOLERANCE



Higher Output of Power



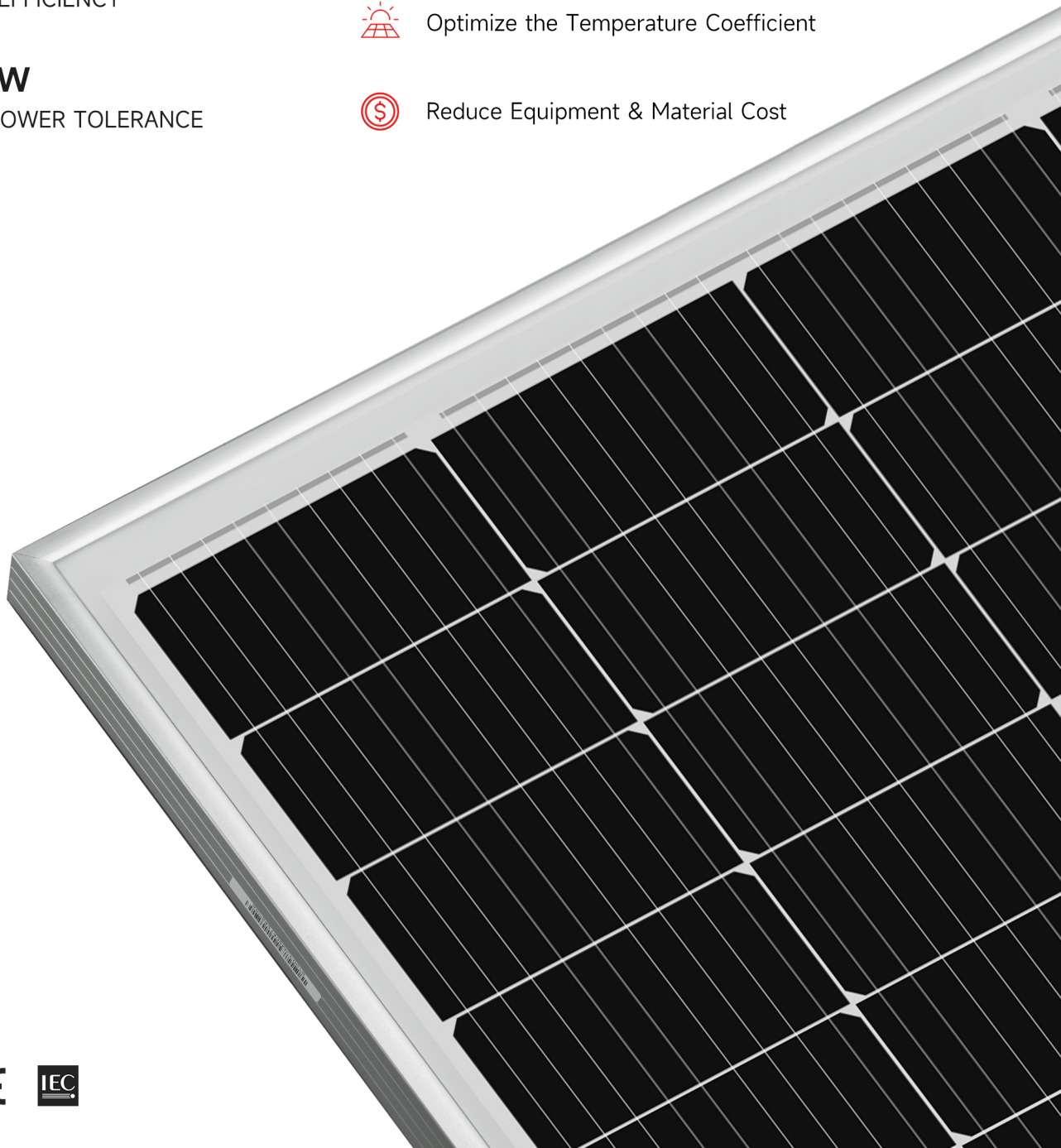
For Environment For Future



Optimize the Temperature Coefficient



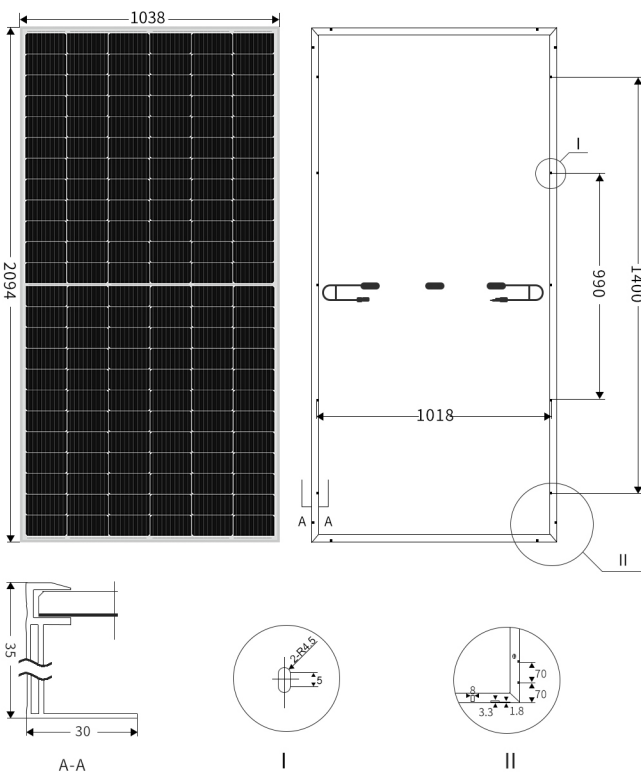
Reduce Equipment & Material Cost



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	

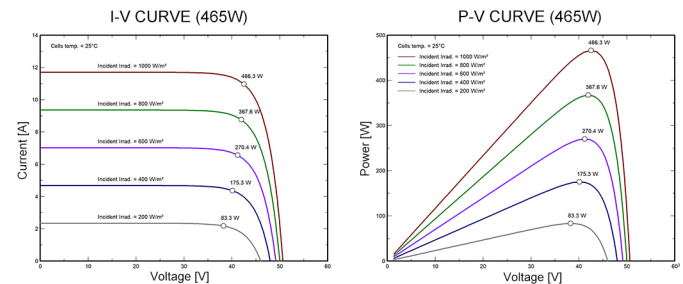
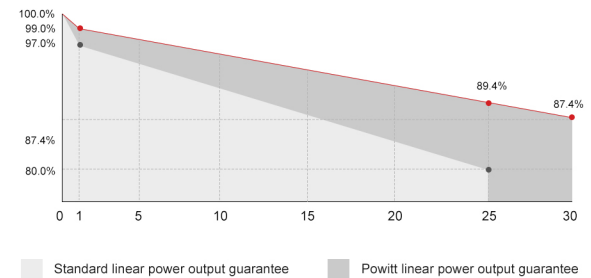
STC: Irradiance 1000 W/m², Cell Temperature 25°C, Air Mass AM1.5 according to EN 60904-3. Average efficiency reduction of 4.5% at 200W/m² according to EN 60904-1
NOCT: Irradiance at 800 W/m², Ambient Temperature 20°C, Wind Speed 1m/s.

DIMENSIONS OF PV MODULE



LINEAR PERFORMANCE WARRANTY

15 Year Product Warranty 30 Year Linear Power Warranty



MECHANICAL DATA

Cell Type	Mono PERC
No. of Cells	144 (6 x 24)
Module Dimensions	2094 x 1038 x 35mm
Weight	23.5kg
Glass	Anti-Reflective, AR Coated and Heat Tempered Solar Glass-3.2mm
Backsheet	White
Frame	Anodized Aluminium Alloy
Junction Box	IP 68 Rated
Cables	4.0mm ² , 350mm or Customized Length
Connector	MC4 Compatible

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

TEMPERATURE RATINGS

Nominal Operating Cell Temperature(NOCT)	45±2°C
Temperature Coefficient of P_{MAX}	-0.35%/°C
Temperature Coefficient of V_{OC}	-0.28%/°C
Temperature Coefficient of I_{SC}	+0.048%/°C

MAXIMUM RATINGS

Operational Temperature	-40 to +85°C
Maximum System Voltage	1500V DC
Max Series Fuse Rating	20A
Mechanical Load	5400pa
Wind Load	2400pa

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