

M10 P-TYPE MODULE

420W-430W

Premium Quality *Monofacial*

156 CELL

M10 MONO PERC

22.02%

MAXIMUM EFFICIENCY

0 to +5W

POSITIVE POWER TOLERANCE



Higher Output of Power



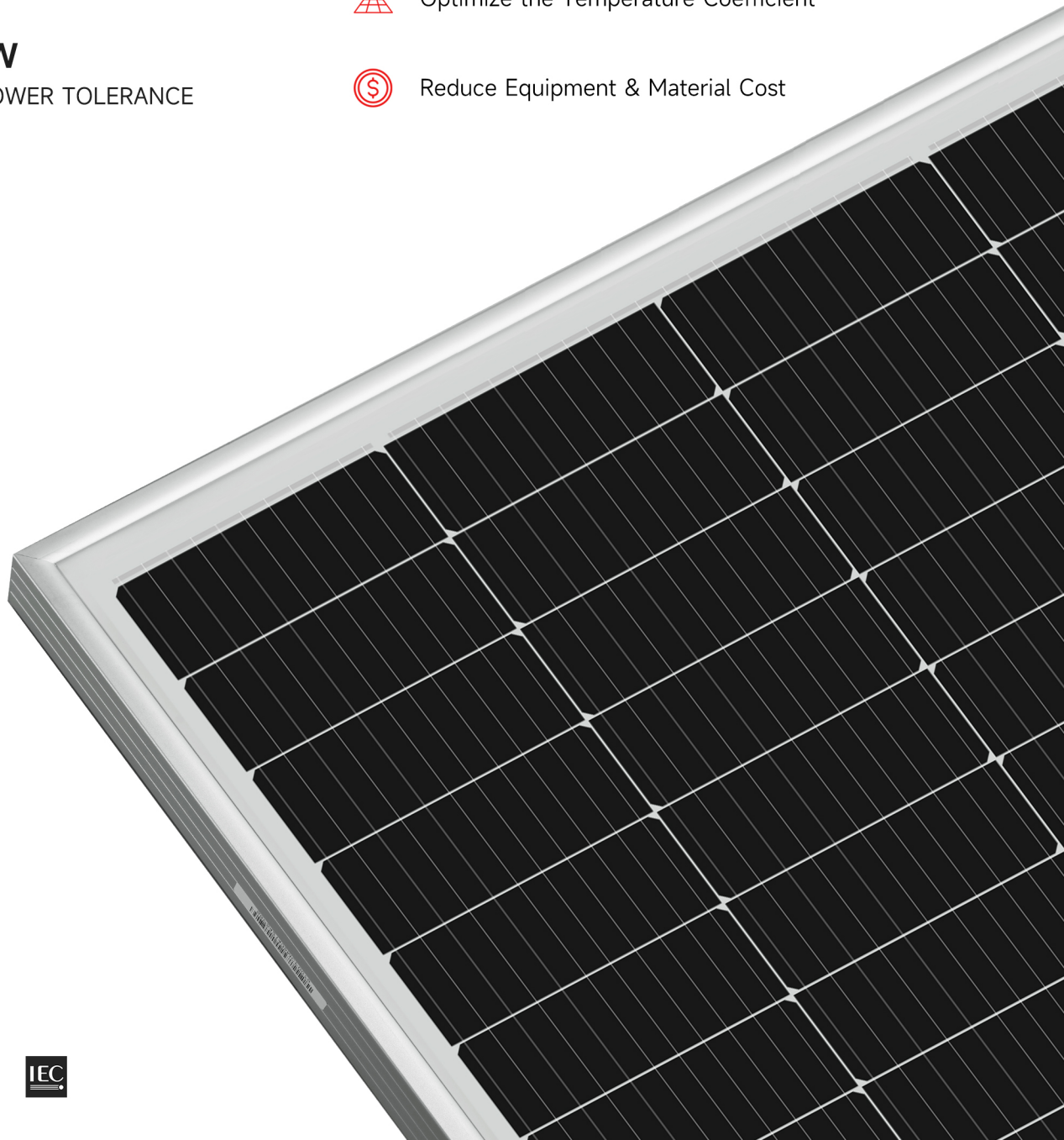
For Environment For Future



Optimize the Temperature Coefficient



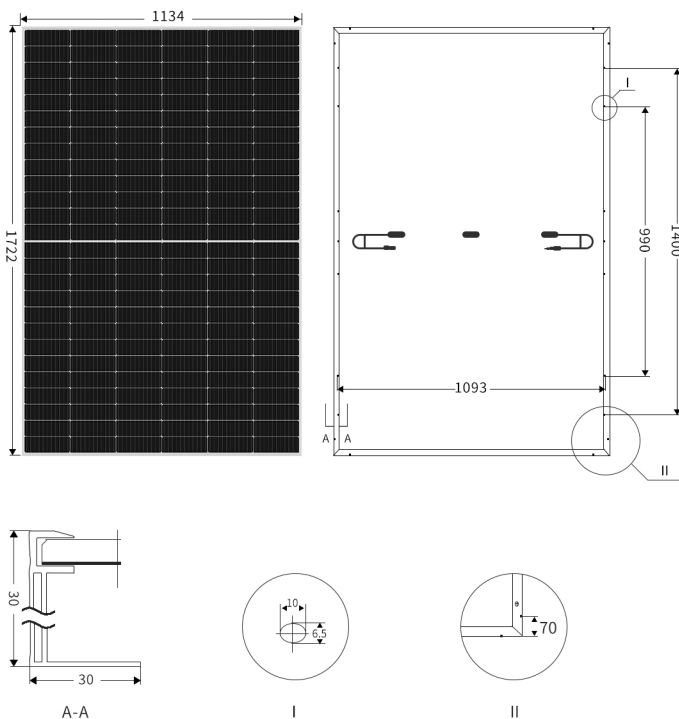
Reduce Equipment & Material Cost



Module Type		PW-78M420HM10		PW-78M425HM10		PW-78M430HM10	
		STC	NOCT	STC	NOCT	STC	NOCT
Test Environment							
Maximum Power	$P_{MAX}(W)$	420	316	425	319	430	322
Maximum Power Voltage	$V_{MPP}(V)$	43.68	40.57	43.79	40.68	43.91	40.8
Maximum Power Current	$I_{MPP}(A)$	9.62	7.79	9.71	7.84	9.79	7.89
Open Circuit Voltage	$V_{OC}(V)$	52.42	48.68	52.98	48.81	53.13	48.96
Short Circuit Current	$I_{SC}(A)$	10.1	8.17	10.19	8.23	10.28	8.28
Tolerance	(W)	0 - +5		0 - +5		0 - +5	
Module Efficiency	(%)	21.51		21.76		22.02	

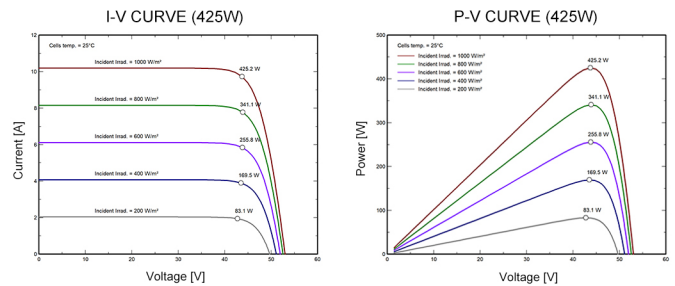
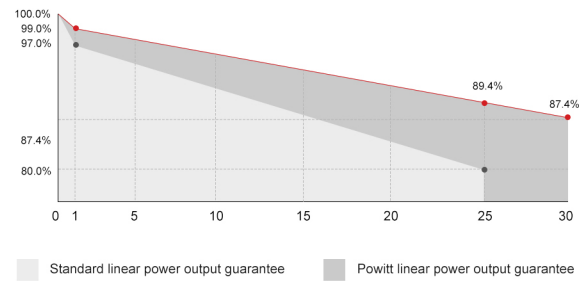
STC: Irradiance 1000 W/m², Cell Temperature 25°C, Air Mass AM1.5 according to EN 60904-3. Average efficiency reduction of 4.5% at 200W/m² according to EN 60904-1
 NOCT: Irradiance at 800 W/m², Ambient Temperature 20°C, Wind Speed 1m/s.

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	156 (6 x 26)
Module Dimensions	1722 x 1134 x 30mm
Weight	21kg
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

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	25A
Mechanical Load	5400pa
Wind Load	2400pa

PACKAGING CONFIGURATION 36 pcs/Pallet, 936 pcs/40'HQ

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