

M6 HALF CELL MONO **410W-425W**

132 CELL

M6 MBB MONO PERC

21.3%

MAXIMUM EFFICIENCY

0 to +5W

POSITIVE POWER TOLERANCE



Higher Output of Power



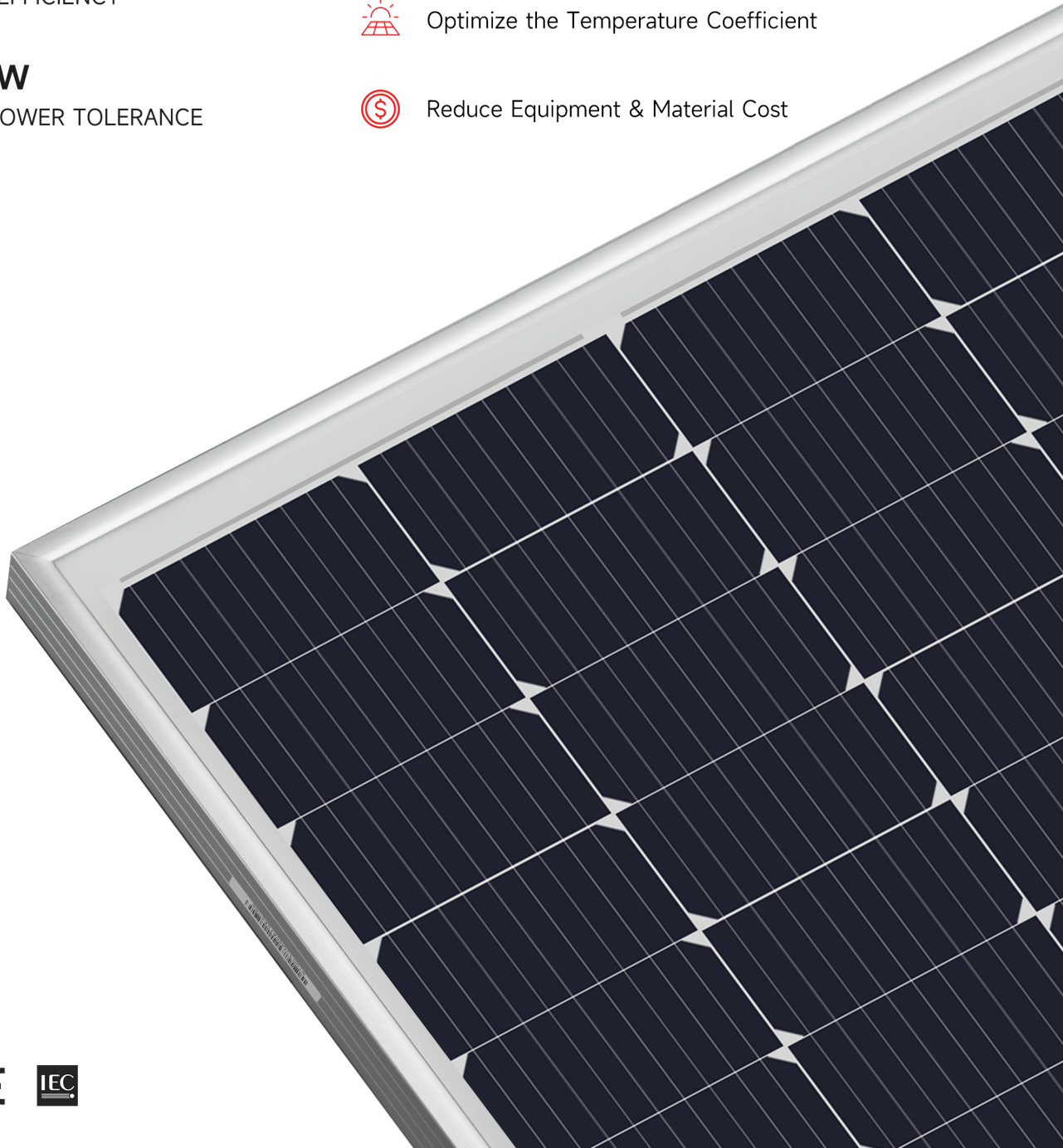
For Environment For Future



Optimize the Temperature Coefficient



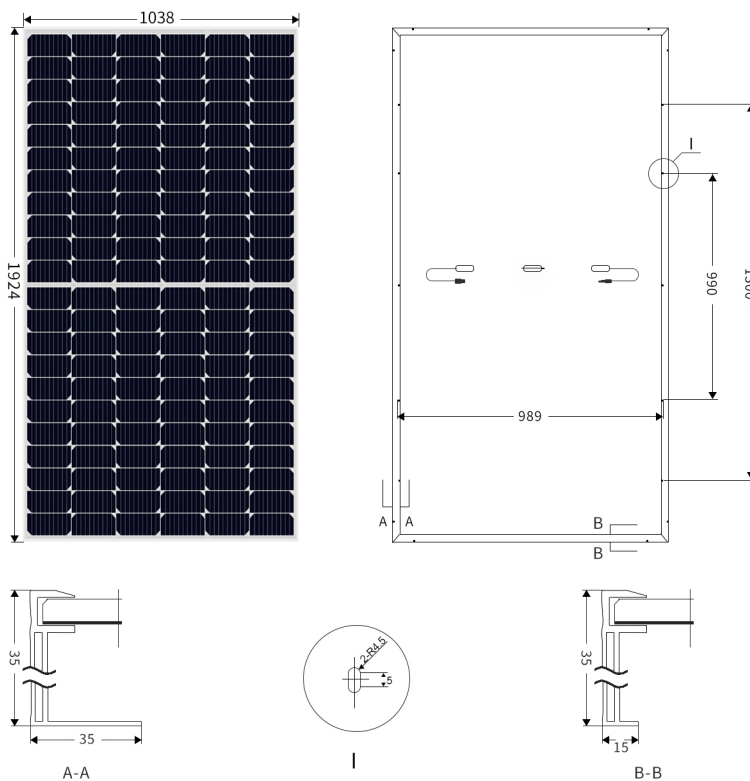
Reduce Equipment & Material Cost



Module Type		PW-66M410HM6		PW-66M415HM6		PW-66M420HM6		PW-66M425HM6	
		STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Test Environment		STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power	$P_{MAX}(W)$	410	306.2	415	309.9	420	313.7	425	317.4
Maximum Power Voltage	$V_{MPP}(V)$	38.00	35.38	38.20	35.57	38.40	35.76	38.60	35.94
Maximum Power Current	$I_{MPP}(A)$	10.79	8.65	10.87	8.71	10.94	8.77	11.02	8.83
Open Circuit Voltage	$V_{OC}(V)$	45.20	42.37	45.40	42.56	45.60	42.75	45.80	42.94
Short Circuit Current	$I_{SC}(A)$	11.57	9.36	11.65	9.42	11.73	9.49	11.81	9.55
Tolerance	(W)	0 - +5		0 - +5		0 - +5		0 - +5	
Module Efficiency	(%)	20.5		20.8		21.0		21.3	

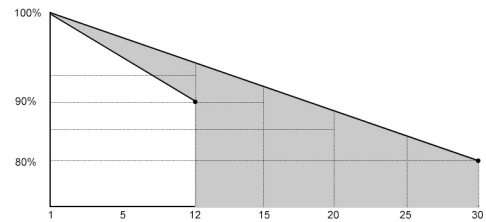
STC: Irradiance 1000 W/m², Cell Temperature 25°C, Air Mass AM1.5 according to EN 60904-3. Average efficiency reduction of 4.5% at 200W/m² according to EN 60904-1
 NOCT: Irradiance at 800 W/m², Ambient Temperature 20°C, Wind Speed 1m/s.

DIMENSIONS OF PV MODULE



LINEAR PERFORMANCE WARRANTY

🏠 12 Year Product Warranty 🕒 30 Year Linear Power Warranty



TEMPERATURE RATINGS

Nominal Operating Cell Temperature(NOCT)	45±2°C
Temperature Coefficient of P_{MAX}	-0.350%/°C
Temperature Coefficient of V_{OC}	-0.270%/°C
Temperature Coefficient of I_{SC}	+0.048%/°C

MAXIMUM RATING

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

MECHANICAL DATA

Solar Cells	MBB Mono PERC 166x83mm
Cell Orientation	132 Cells (6 x 22)
Module Dimensions	1924 x 1038 x 35mm
Weight	22.0kg
Glass	High Transparency, Anti-Reflective, AR Coated and Heat Tempered Solar Glass -3.2mm
Backsheet	White
Frame	Silver Anodized Aluminium Alloy (Black Available)
J-Box	IP 67 Rated
Cables	Photovoltaic Technology Cable 4.0mm ² , 350mm
Connector	MC4 Compatible
PACKING CONFIGURATION	Modules per Box: 31 Pieces Modules per 40' Container: 792 Pieces

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