

M6 BIFACIAL HALF CELL MONO **460W-480W** N-TYPE

144 CELL

M6 MBB MONO PERC

22.1%

MAXIMUM EFFICIENCY

0 to +5W

POSITIVE POWER TOLERANCE



Higher Output of Power



For Environment For Future



Optimize the Temperature Coefficient



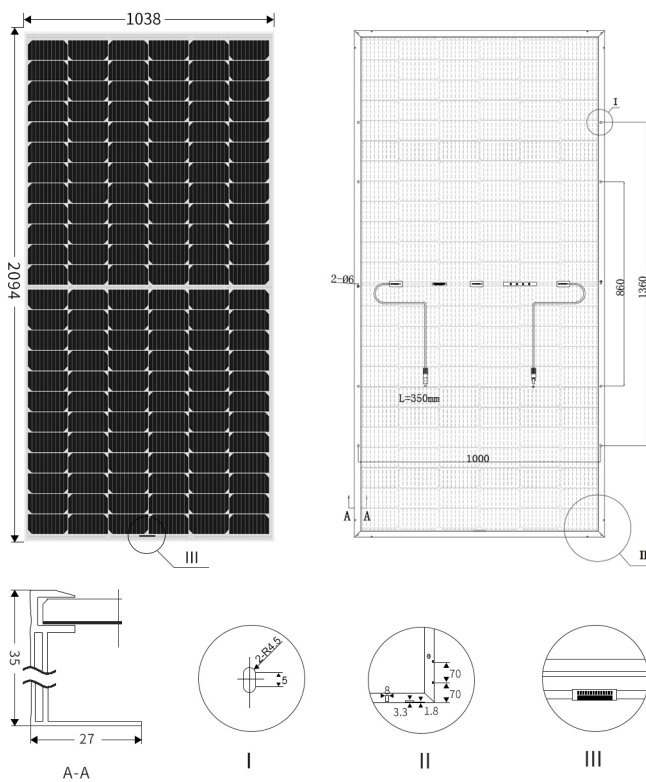
Reduce Equipment & Material Cost



Module Type		PW-72M460HM6		PW-72M465HM6		PW-72M470HM6		PW-72M475HM6		PW-72M480HM6	
		STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Test Environment		STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power	$P_{MAX}(W)$	460	340.4	465	344.1	470	347.8	475	351.5	480	355.2
Maximum Power Voltage	$V_{MPP}(V)$	41.59	38.39	41.79	38.57	41.99	38.76	42.19	38.94	42.39	39.12
Maximum Power Current	$I_{MPP}(A)$	11.06	8.86	11.13	8.92	11.19	8.97	11.26	9.03	11.32	9.07
Open Circuit Voltage	$V_{oc}(V)$	50.32	46.8	50.57	47.03	50.81	47.25	51.04	47.47	51.29	47.70
Short Circuit Current	$I_{sc}(A)$	11.67	9.35	11.74	9.41	11.81	9.46	11.88	9.53	11.94	9.57
Tolerance	(W)	0 - +5		0 - +5		0 - +5		0 - +5		0 - +5	
Module Efficiency	(%)	21.2		21.4		21.6		21.9		22.1	

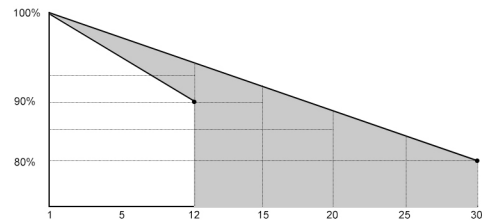
STC: Irradiance 1000 W/m², Cell Temperature 25°C, Air Mass AM1.5 according to EN 60904-3. Average efficiency reduction of 4.5% at 200W/m² according to EN 60904-1
 NOCT: Irradiance at 800 W/m², Ambient Temperature 20°C, Wind Speed 1m/s.

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}	-0.36%/°C
Temperature Coefficient of V_{oc}	-0.28%/°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 N-Type 166 x 83mm
Cell Orientation	144 Cells (6 x 24)
Module Dimensions	2094 x 1038 x 35mm
Weight	23.5kg
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 68 Rated
Cables	Photovoltaic Technology Cable 4.0mm ² , 350mm
Connector	MC4 Compatible
PACKAGING CONFIGURATION	Modules per Box: 31 Pieces Modules per 40' Container: 726 Pieces

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