

M6 P-TYPE MODULE

410W-425W

Premium Quality *Bifacial Transparent Backsheet*

132 CELL

M6 MONO PERC

21.28%

MAXIMUM EFFICIENCY

0 to +5W

POSITIVE POWER TOLERANCE



Higher Output of Power



For Environment For Future



Optimize the Temperature Coefficient



Reduce Equipment & Material Cost



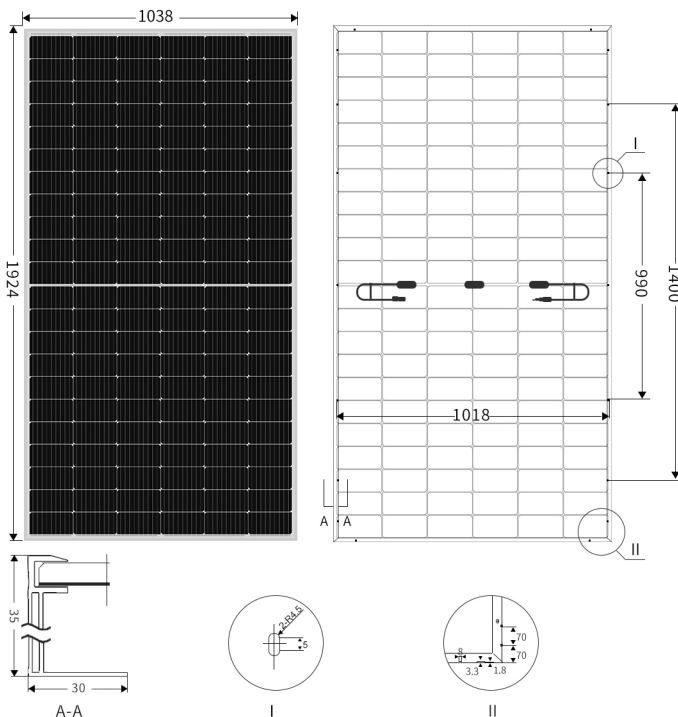
Module Type		PW-66M410HM6		PW-66M415HM6		PW-66M420HM6		PW-66M425HM6	
Test Environment		STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power	$P_{MAX}(W)$	410	306.2	415	309.9	420	313.7	425	317.4
Maximum Power Voltage	$V_{MPP}(V)$	38.00	35.38	38.20	35.57	38.40	35.76	38.60	35.94
Maximum Power Current	$I_{MPP}(A)$	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	(%)	20.53		20.78		21.03		21.28	

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

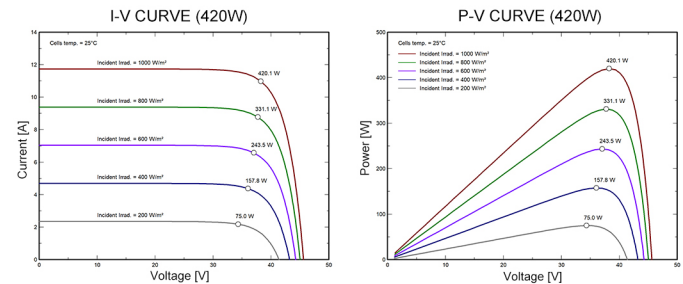
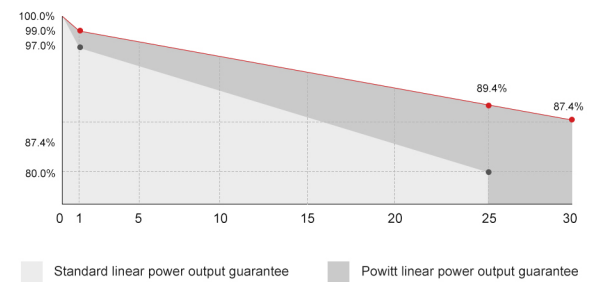
Module Type	PW-66M410HM6	PW-66M415HM6	PW-66M420HM6	PW-66M425HM6
Pmax (W)	451	456.5	462	467.5
Voc (V)	45.2	45.4	45.6	45.8
Isc (A)	12.54	12.62	12.71	12.79
Vmp (V)	38	38.2	38.4	38.6
Imp (A)	11.87	11.95	12.03	12.11

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	132 (6 x 22)
Module Dimensions	1924 x 1038 x 35mm
Weight	22.0kg
Glass	Anti-Reflective, AR Coated and Heat Tempered Solar Glass-3.2mm
Backsheet	Transparent
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, 792 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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