

M10 MONO MODULE **N** TYPE

570W-595W

Premium Quality *Bifacial Dual Glass*

144 CELL

M10 MONO N-TYPE

23.03%

MAXIMUM EFFICIENCY

0 to +5W

POSITIVE POWER TOLERANCE



Higher Output of Power



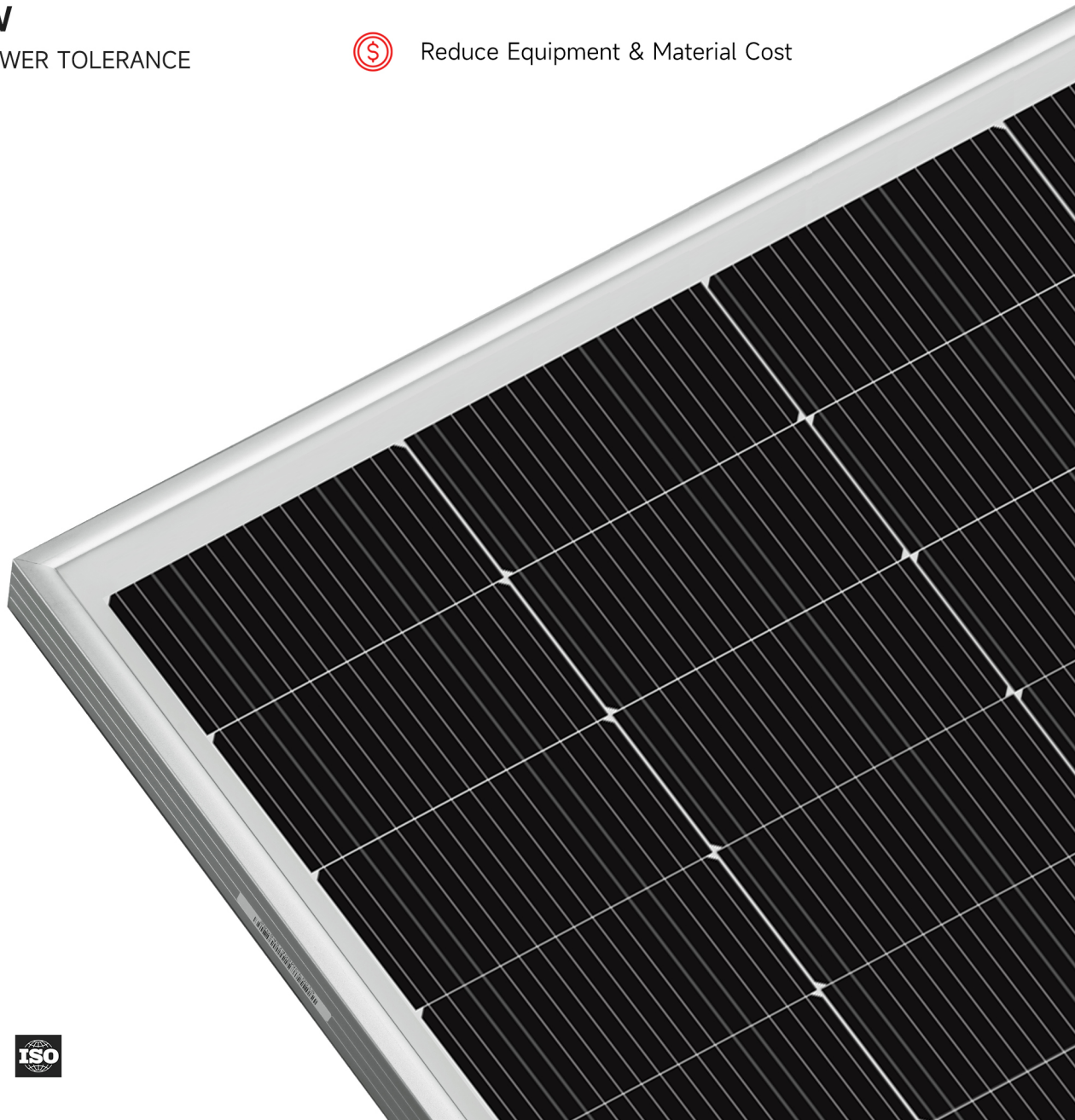
For Environment For Future



Optimize the Temperature Coefficient



Reduce Equipment & Material Cost



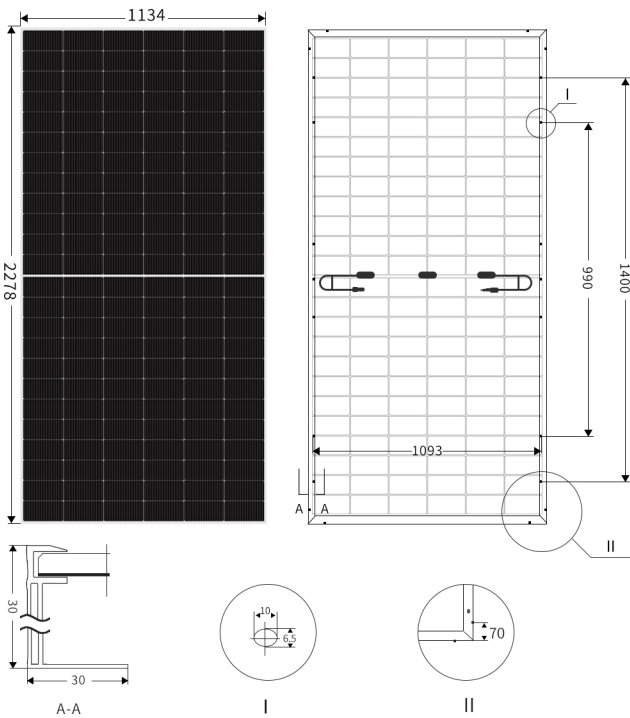
Module Type	PW-72M570HM10-BD		PW-72M575HM10-BD		PW-72M580HM10-BD		PW-72M585HM10-BD		PW-72M590HM10-BD		PW-72M595HM10-BD		
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	
Test Environment	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	
Maximum Power	$P_{MAX}(W)$	570	431.4	575	435.2	580	438.9	585	442.6	590	446.3	595	450
Maximum Power Voltage	$V_{MPP}(V)$	44.63	42.87	44.83	43.15	45.04	43.34	45.25	43.53	45.46	43.72	45.67	43.91
Maximum Power Current	$I_{MPP}(A)$	12.77	10.06	12.83	10.08	12.88	10.12	12.93	10.16	12.98	10.2	13.03	10.24
Open Circuit Voltage	$V_{OC}(V)$	52.4	49.8	52.6	50.03	52.8	50.22	53	50.41	53.2	50.6	53.4	50.79
Short Circuit Current	$I_{SC}(A)$	13.42	10.56	13.46	10.59	13.5	10.63	13.54	10.67	13.58	10.71	13.62	10.75
Tolerance	(W)	0 - +5		0 - +5		0 - +5		0 - +5		0 - +5		0 - +5	
Module Efficiency	(%)	22.07		22.26		22.45		22.65		22.84		23.03	

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

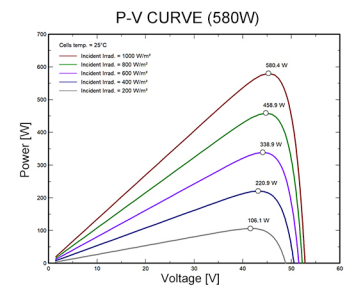
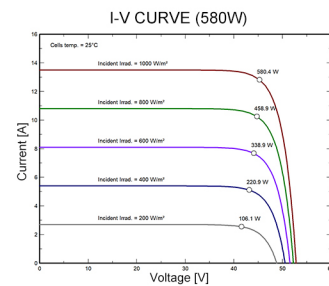
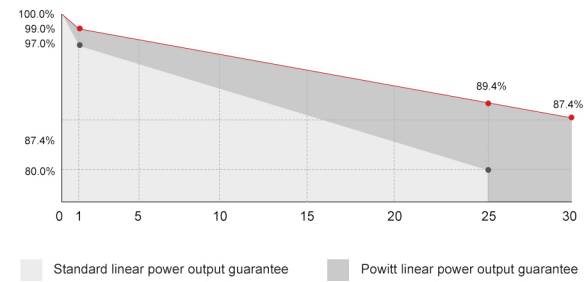
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Pmax (W)	627	632.5	638	643.5	649	654.5
Voc (V)	52.4	52.6	52.8	53	53.2	53.4
Isc (A)	14.84	14.9	14.9	15.02	15.08	15.14
Vmp (V)	44.63	44.83	45.04	45.25	45.46	45.67
Imp (A)	14.05	14.11	14.17	14.22	14.28	14.33

DIMENSIONS OF PV MODULE



LINEAR PERFORMANCE WARRANTY

15 Year Product Warranty 30 Year Linear Power Warranty



MECHANICAL DATA

Cell Type	Mono N-TYPE
No. of Cells	144 (6 x 24)
Module Dimensions	2278 x 1134 x 30mm
Weight	31kg
Front Glass	2.0mm
Back Glass	2.0mm
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}	-0.30%/°C
Temperature Coefficient of V _{OC}	-0.25%/°C
Temperature Coefficient of I _{SC}	+0.046%/°C

MAXIMUM RATINGS

Operational Temperature	-40°C to +85°C
Maximum System Voltage	1500V DC
Max Series Fuse Rating	30A
Mechanical Load	5400pa
Wind Load	2400pa

PACKAGING CONFIGURATION 36 pcs/Pallet, 720 pcs/40'HQ



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