

M10 MONO MODULE **N** TYPE

565W-585W

Premium Quality *Bifacial Dual Glass*

144 CELL

M10 MONO N-TYPE

22.65%

MAXIMUM EFFICIENCY

0 to +5W

POSITIVE POWER TOLERANCE



Higher Output of Power



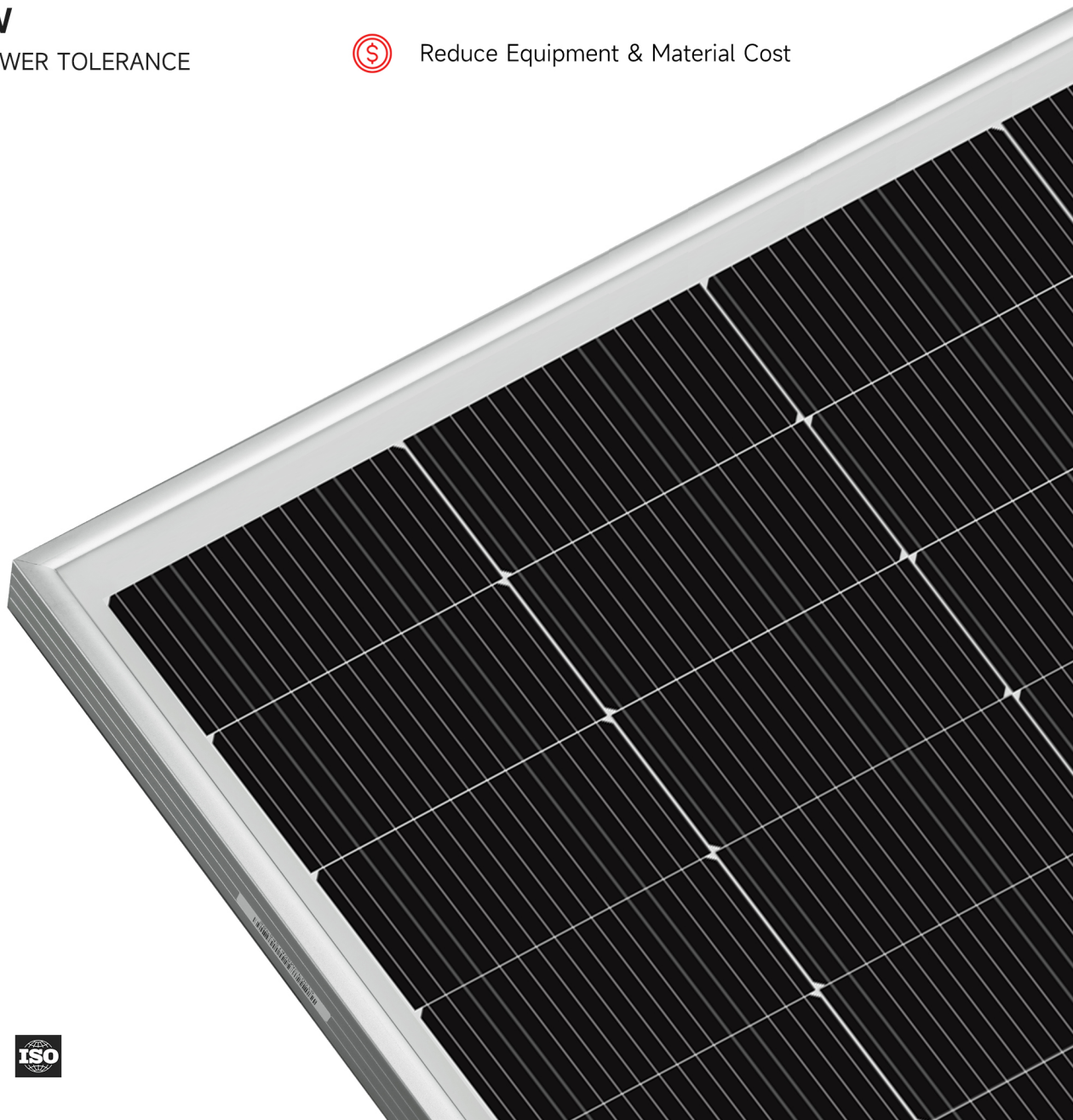
For Environment For Future



Optimize the Temperature Coefficient



Reduce Equipment & Material Cost



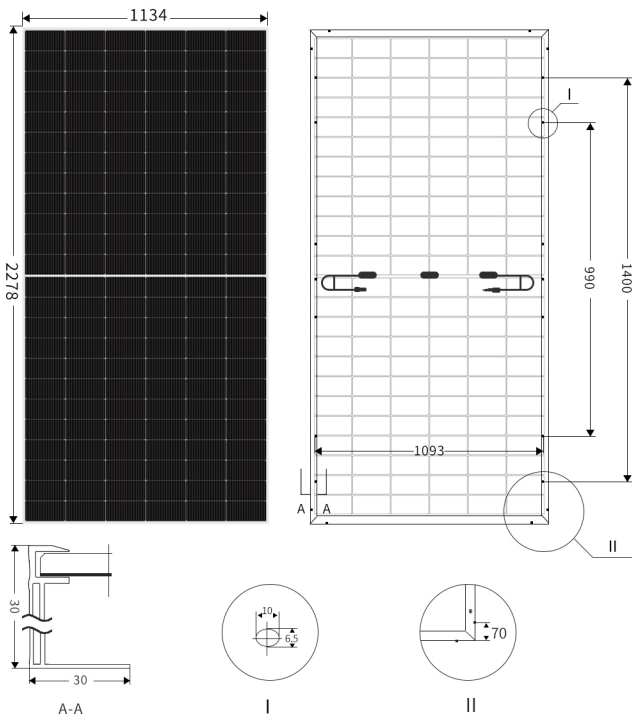
Module Type		PW-72M565HM10-BD		PW-72M570HM10-BD		PW-72M575HM10-BD		PW-72M580HM10-BD		PW-72M585HM10-BD	
Test Environment		STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power	P _{MAX} (W)	565	427.6	570	431.4	575	435.2	580	438.9	585	442.6
Maximum Power Voltage	V _{MPP} (V)	44.43	42.6	44.63	42.87	44.83	43.15	45.04	43.34	45.25	43.53
Maximum Power Current	I _{MPP} (A)	12.72	10.03	12.77	10.06	12.83	10.08	12.88	10.12	12.93	10.16
Open Circuit Voltage	V _{OC} (V)	52.2	49.57	52.4	49.8	52.6	50.03	52.8	50.22	53	50.41
Short Circuit Current	I _{SC} (A)	13.38	10.54	13.42	10.56	13.46	10.59	13.5	10.63	13.54	10.67
Tolerance	(W)	0 - +5		0 - +5		0 - +5		0 - +5		0 - +5	
Module Efficiency	(%)	21.87		22.07		22.26		22.45		22.65	

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

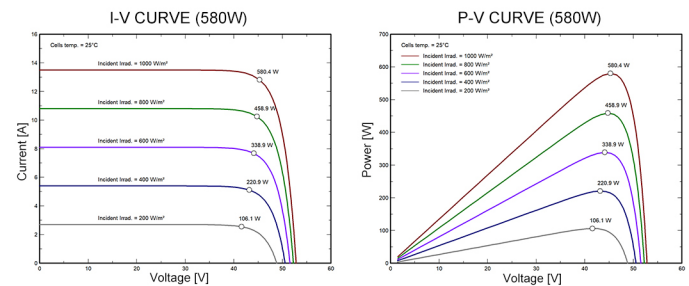
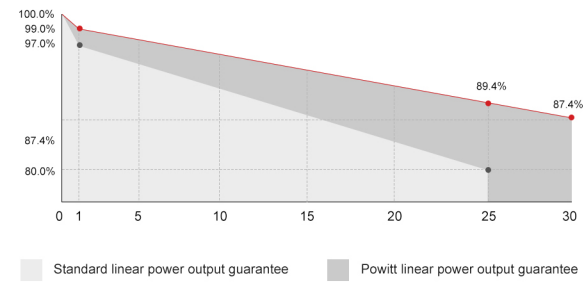
Module Type	PW-72M565HM10-BD	PW-72M570HM10-BD	PW-72M575HM10-BD	PW-72M580HM10-BD	PW-72M585HM10-BD
P _{max} (W)	621.5	627	632.5	638	643.5
V _{oc} (V)	52.2	52.4	52.6	52.8	53
I _{sc} (A)	14.78	14.84	14.9	14.9	15.02
V _{mp} (V)	44.43	44.63	44.83	45.04	45.25
I _{mp} (A)	13.99	14.05	14.11	14.17	14.22

DIMENSIONS OF PV MODULE



LINEAR PERFORMANCE WARRANTY

15 Year Product Warranty 30 Year Linear Power Warranty



MECHANICAL DATA

Cell Type	Mono N-TYPE	Nominal Operating Cell Temperature(NOCT)	45±2°C
No. of Cells	144 (6 x 24)	Temperature Coefficient of P _{MAX}	-0.30%/°C
Module Dimensions	2278 x 1134 x 30mm	Temperature Coefficient of V _{OC}	-0.25%/°C
Weight	31kg	Temperature Coefficient of I _{SC}	+0.046%/°C
Front Glass	2.0mm	MAXIMUM RATINGS	
Back Glass	2.0mm	Operational Temperature	-40°C to +85°C
Frame	Anodized Aluminium Alloy	Maximum System Voltage	1500V DC
Junction Box	IP 68 Rated	Max Series Fuse Rating	30A
Cables	4.0mm ² , 350mm or Customized Length	Mechanical Load	5400pa
Connector	MC4 Compatible	Wind Load	2400pa

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



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FUTURE POWER AT TODAY