

G12 MONO MODULE **N** TYPE

675W-700W

Premium Quality *Monofacial*

132 CELL

M10 MONO N-TYPE

22.53%

MAXIMUM EFFICIENCY

0 to +5W

POSITIVE POWER TOLERANCE



Higher Output of Power



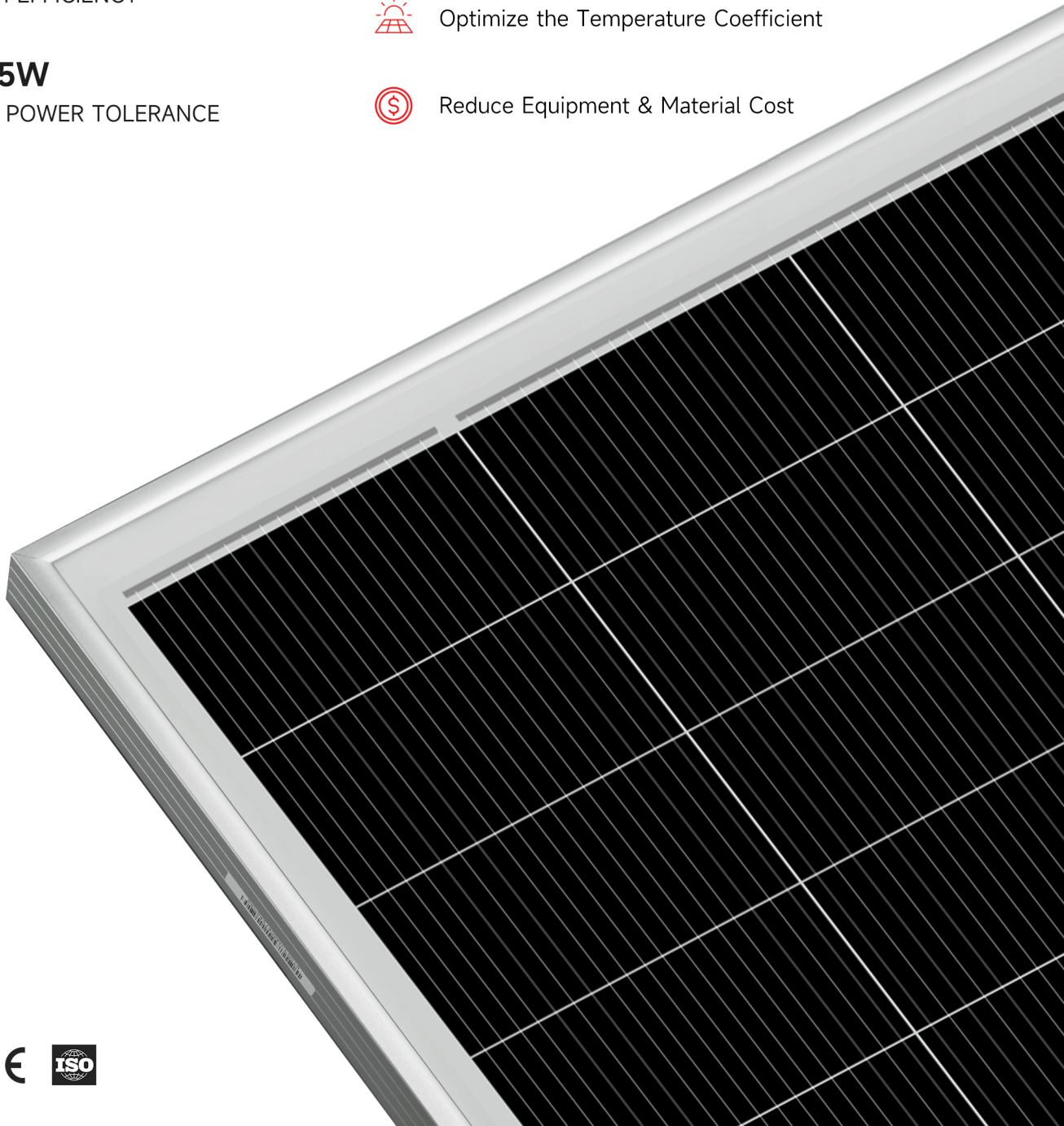
For Environment For Future



Optimize the Temperature Coefficient



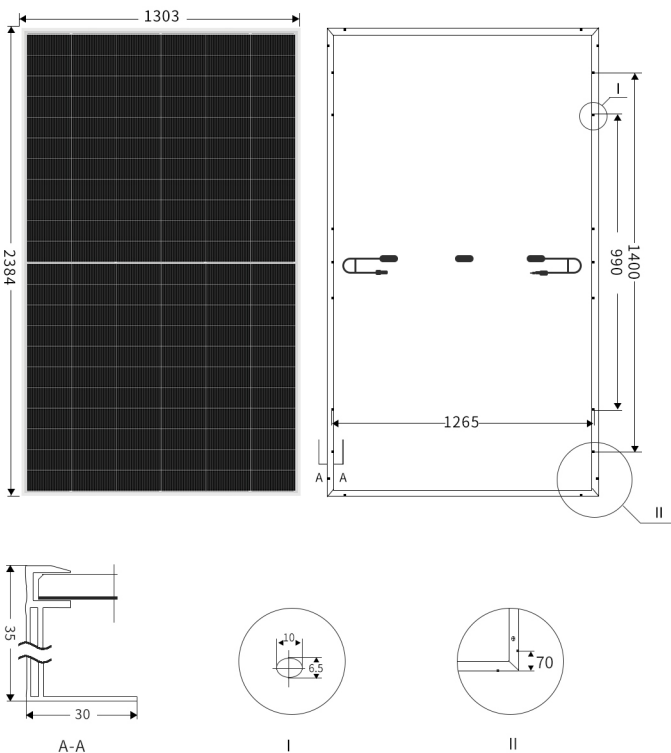
Reduce Equipment & Material Cost



Module Type		PW-66M675HG12		PW-66M680HG12		PW-66M685HG12		PW-66M690HG12		PW-66M695HG12		PW-66M700HG12	
		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	$P_{MAX}(W)$	675	515.6	680	519.3	685	523.0	690	527.2	695	530.9	700	534.5
Maximum Power Voltage	$V_{MPP}(V)$	41.41	38.71	41.48	38.78	41.56	38.85	41.63	38.93	41.71	39.00	41.78	39.07
Maximum Power Current	$I_{MPP}(A)$	16.32	13.32	16.41	13.39	16.50	13.46	16.60	13.54	16.68	13.61	16.77	13.68
Open Circuit Voltage	$V_{OC}(V)$	49.38	46.27	49.47	46.35	49.56	46.44	49.65	46.52	49.74	46.61	49.83	46.69
Short Circuit Current	$I_{SC}(A)$	17.40	14.27	17.48	14.34	17.56	14.40	17.66	14.48	17.74	14.55	17.82	14.61
Tolerance	(W)	0 - +5		0 - +5		0 - +5		0 - +5		0 - +5		0 - +5	
Module Efficiency	(%)	21.73		21.89		22.05		22.21		22.37		22.53	

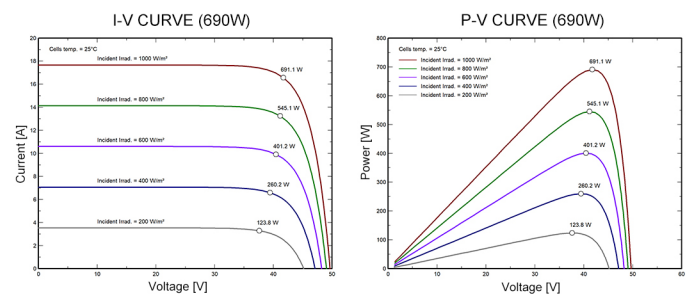
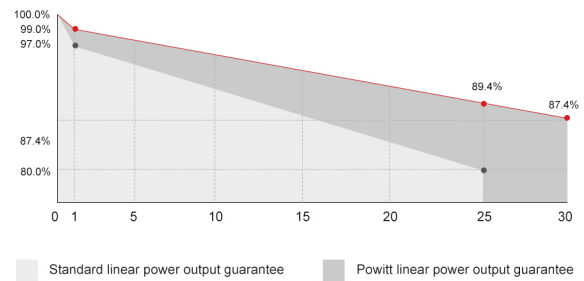
STC: Irradiance 1000 W/m², Cell Temperature 25°C, Air Mass AM1.5 according to EN 60904-3. Average efficiency reduction of 4.5% at 200W/m² according to EN 60904-1
 NOCT: Irradiance at 800 W/m², Ambient Temperature 20°C, Wind Speed 1m/s.

DIMENSIONS OF PV MODULE



LINEAR PERFORMANCE WARRANTY

15 Year Product Warranty 30 Year Linear Power Warranty



MECHANICAL DATA

Cell Type	Mono N-TYPE
No. of Cells	132 (6 x 22)
Module Dimensions	2348 x 1303 x 35mm
Weight	33.6kg
Glass	Anti-Reflective, AR Coated and Heat Tempered Solar Glass-3.2mm
Backsheet	White
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)	43±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 to +85°C
Maximum System Voltage	1500V DC
Max Series Fuse Rating	35A
Mechanical Load	5400pa
Wind Load	2400pa

PACKAGING CONFIGURATION 31 pcs/Pallet, 558 pcs/40'HQ

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