

G12 MONO MODULE **N** TYPE

# 675W-700W

Premium Quality *Bifacial Transparent Backsheet*

**132 CELL**

M10 MONO N-TYPE

**22.53%**

MAXIMUM EFFICIENCY

**0 to +5W**

POSITIVE POWER TOLERANCE



Higher Output of Power



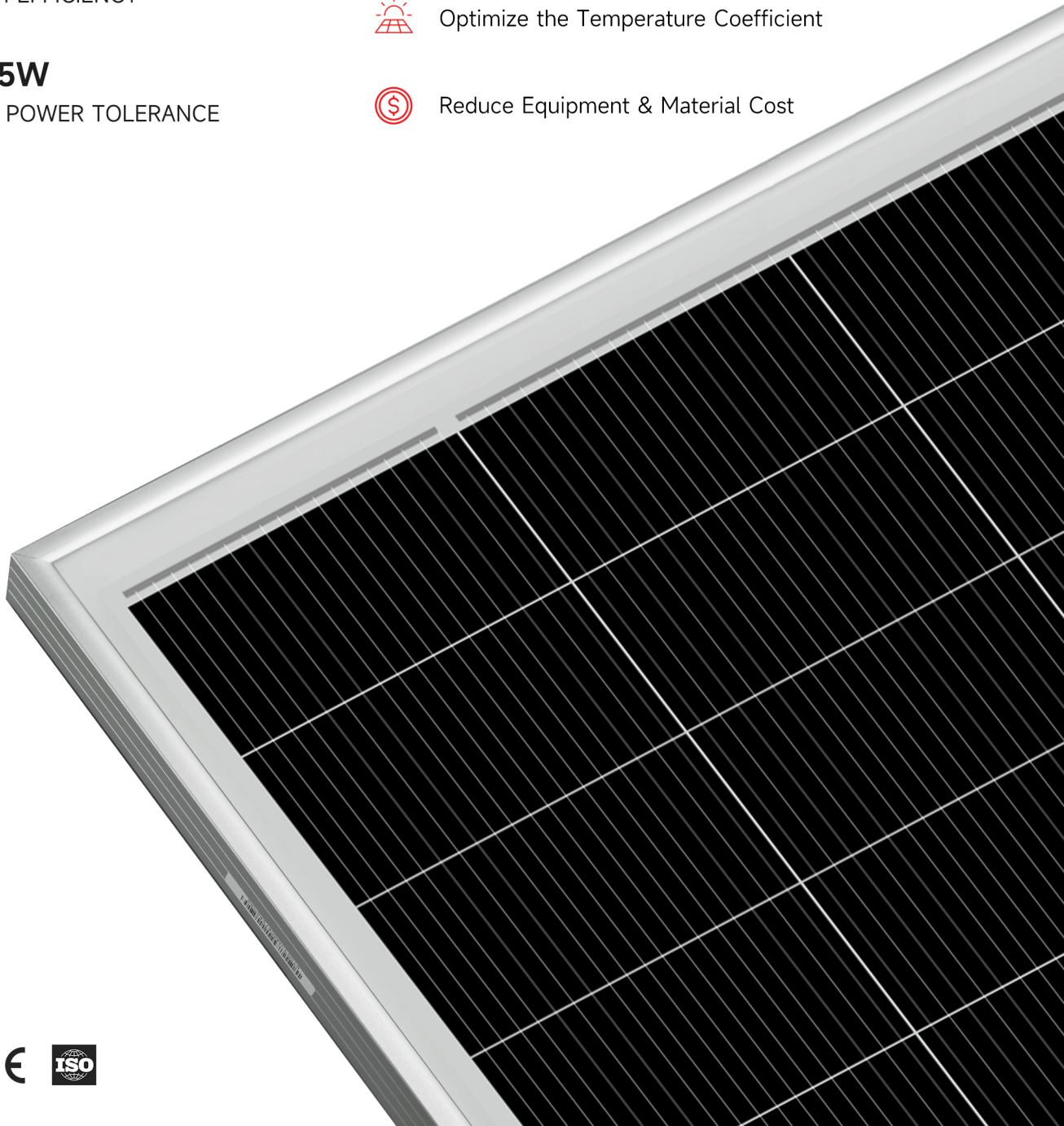
For Environment For Future



Optimize the Temperature Coefficient



Reduce Equipment & Material Cost



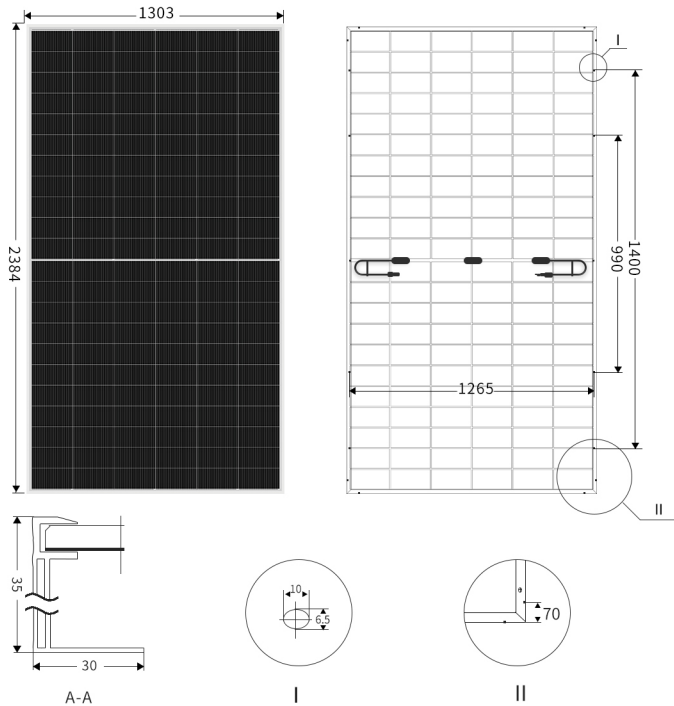
Module Type		PW-66M675HG12		PW-66M680HG12		PW-66M685HG12		PW-66M690HG12		PW-66M695HG12		PW-66M700HG12	
Test Environment		STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power	$P_{MAX}(W)$	675	515.6	680	519.3	685	523.0	690	527.2	695	530.9	700	534.5
Maximum Power Voltage	$V_{MPP}(V)$	41.41	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/m<sup>2</sup>, Cell Temperature 25°C, Air Mass AM1.5 according to EN 60904-3. Average efficiency reduction of 4.5% at 200W/m<sup>2</sup> according to EN 60904-1  
 NOCT: Irradiance at 800 W/m<sup>2</sup>, Ambient Temperature 20°C, Wind Speed 1m/s.

### BIFACIAL OUTPUT-REAR SIDE POWER GAIN 10% FOR REFERENCE

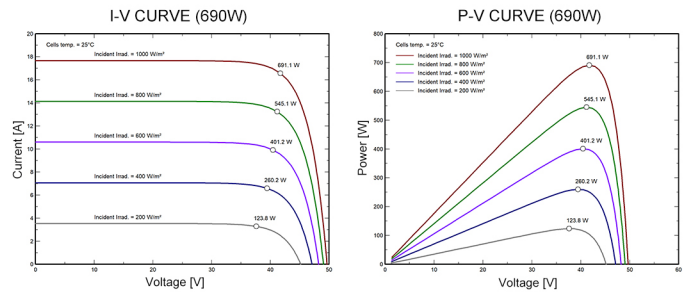
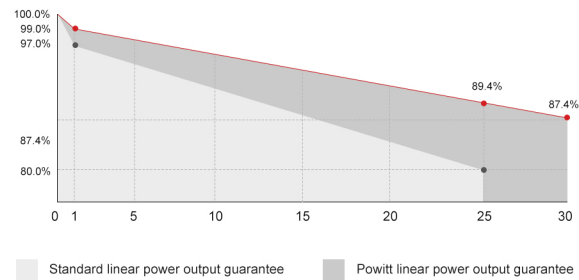
Module Type	PW-66M675HG12	PW-66M680HG12	PW-66M685HG12	PW-66M690HG12	PW-66M695HG12	PW-66M700HG12
Pmax (W)	742.5	748	753.5	759	764.5	770
Voc (V)	49.38	49.47	49.56	49.65	49.74	49.83
Isc (A)	18.94	19.05	19.15	19.26	19.36	19.47
Vmp (V)	41.41	41.48	41.56	41.63	41.71	41.78
Imp (A)	17.93	18.03	18.13	18.23	18.33	18.43

### DIMENSIONS OF PV MODULE



### LINEAR PERFORMANCE WARRANTY

15 Year Product Warranty 30 Year Linear Power Warranty



### MECHANICAL DATA

Cell Type	Mono N-TYPE	<b>TEMPERATURE RATINGS</b>	Nominal Operating Cell Temperature(NOCT)	43±2°C
No. of Cells	132 (6 x 22)	Temperature Coefficient of $P_{MAX}$		-0.30%/°C
Module Dimensions	2348 x 1303 x 35mm	Temperature Coefficient of $V_{OC}$		-0.25%/°C
Weight	33.6kg	Temperature Coefficient of $I_{SC}$		+0.046%/°C
Glass	Anti-Reflective, AR Coated and Heat Tempered Solar Glass-3.2mm	<b>MAXIMUM RATINGS</b>	Operational Temperature	-40 to +85°C
Backsheet	Transparent	Maximum System Voltage		1500V DC
Frame	Anodized Aluminium Alloy	Max Series Fuse Rating		35A
Junction Box	IP 68 Rated	Mechanical Load		5400pa
Cables	4.0mm <sup>2</sup> , 350mm or Customized Length	Wind Load		2400pa
Connector	MC4 Compatible			

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

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