

G12 MONO MODULE **N** TYPE

615W-635W

Premium Quality *Monofacial*

120 CELL

G12 MONO N-TYPE

22.44%

MAXIMUM EFFICIENCY

0 to +5W

POSITIVE POWER TOLERANCE



Higher Output of Power



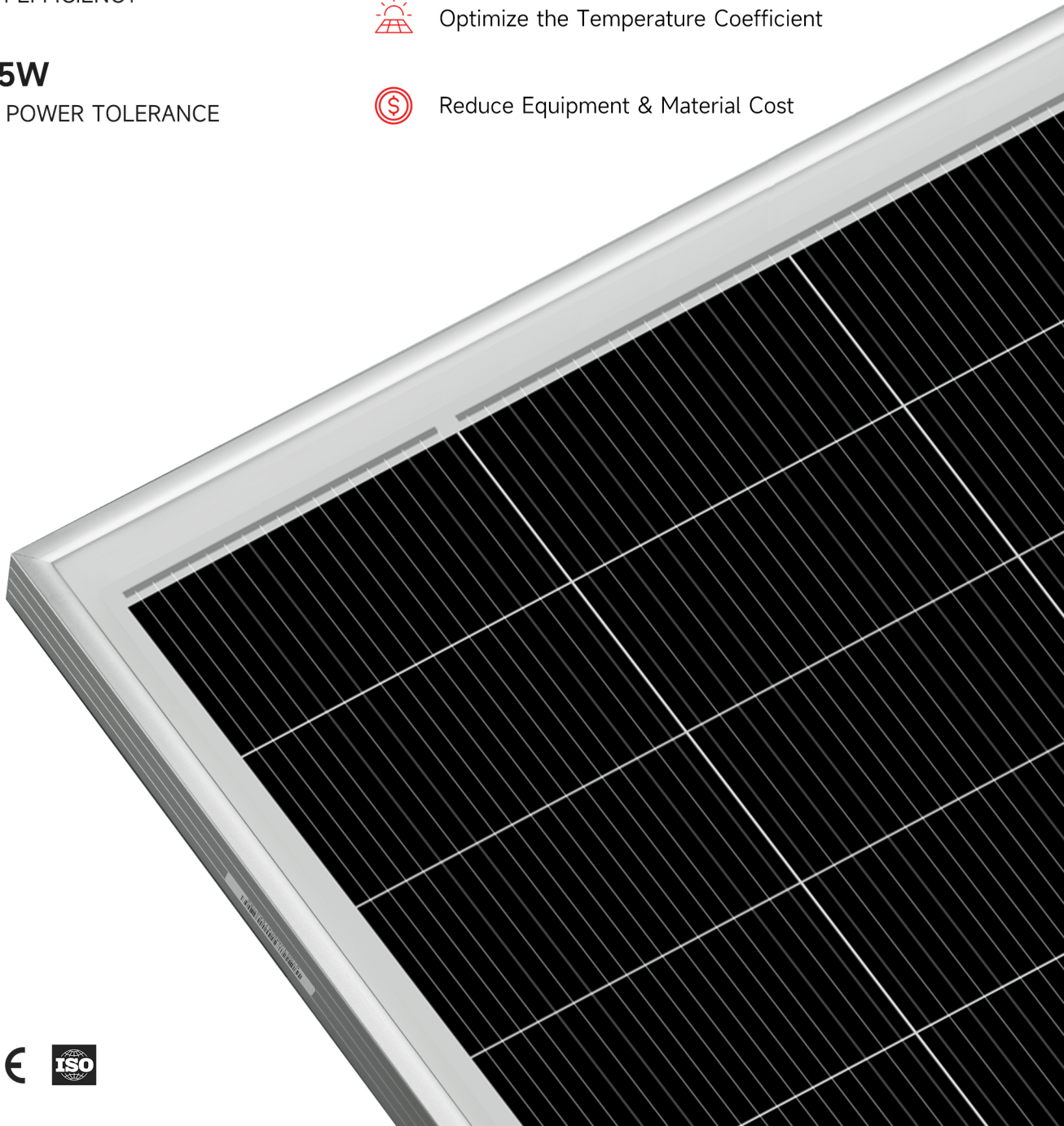
For Environment For Future



Optimize the Temperature Coefficient



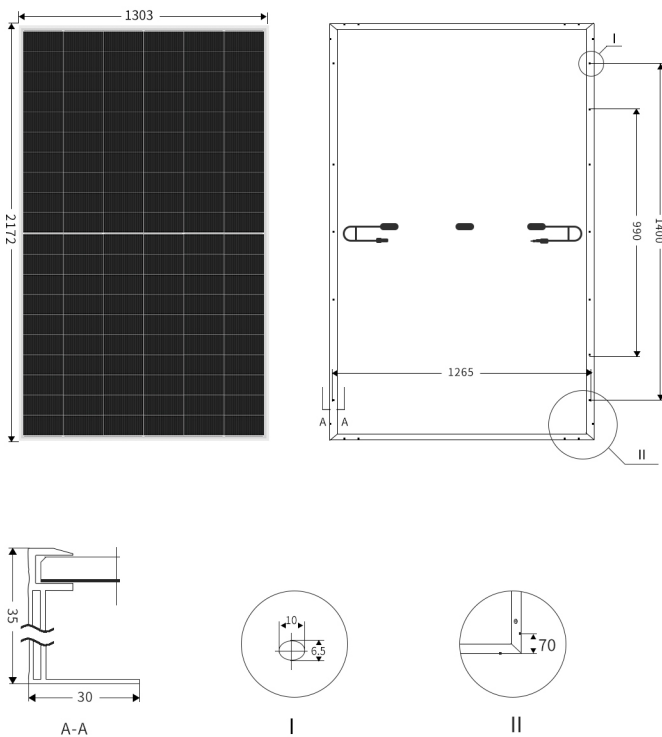
Reduce Equipment & Material Cost



Module Type		PW-60M615HG12		PW-60M620HG12		PW-60M625HG12		PW-60M630HG12		PW-60M635HG12	
		STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Test Environment		STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power	$P_{MAX}(W)$	615	464	620	468	625	472	630	476	635	480
Maximum Power Voltage	$V_{MPP}(V)$	35.5	33.5	35.7	33.7	35.9	33.9	36.1	34.1	36.3	34.3
Maximum Power Current	$I_{MPP}(A)$	17.33	13.86	17.37	13.89	17.41	13.93	17.46	13.97	17.51	14.01
Open Circuit Voltage	$V_{OC}(V)$	42.7	40.4	42.9	40.6	43.1	40.8	43.3	41	43.5	41.2
Short Circuit Current	$I_{SC}(A)$	18.26	14.72	18.31	14.77	18.36	14.81	18.41	14.85	18.46	14.89
Tolerance	(W)	0 - +5		0 - +5		0 - +5		0 - +5		0 - +5	
Module Efficiency	(%)	21.73		21.91		22.09		22.26		22.44	

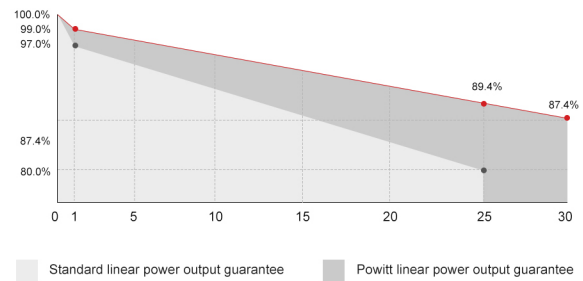
STC: Irradiance 1000 W/m², Cell Temperature 25°C, Air Mass AM1.5 according to EN 60904-3. Average efficiency reduction of 4.5% at 200W/m² according to EN 60904-1
 NOCT: Irradiance at 800 W/m², Ambient Temperature 20°C, Wind Speed 1m/s.

DIMENSIONS OF PV MODULE

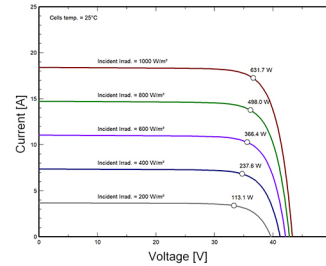


LINEAR PERFORMANCE WARRANTY

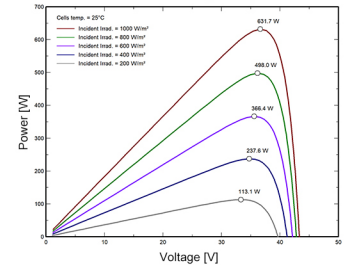
15 Year Product Warranty 30 Year Linear Power Warranty



I-V CURVE (630W)



P-V CURVE (630W)



MECHANICAL DATA

Cell Type	Mono N-TYPE
No. of Cells	120 (6 x 20)
Module Dimensions	2172 x 1303 x 35mm
Weight	30.5kg
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

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

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 to +85°C
Maximum System Voltage	1500V DC
Max Series Fuse Rating	35A
Mechanical Load	5400pa
Wind Load	2400pa

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