

G12 MONO MODULE **N** TYPE

615W-635W

Premium Quality *Bifacial Dual Glass*

120 CELL

G12 MONO N-TYPE

22.44%

MAXIMUM EFFICIENCY

0 to +5W

POSITIVE POWER TOLERANCE



Higher Output of Power



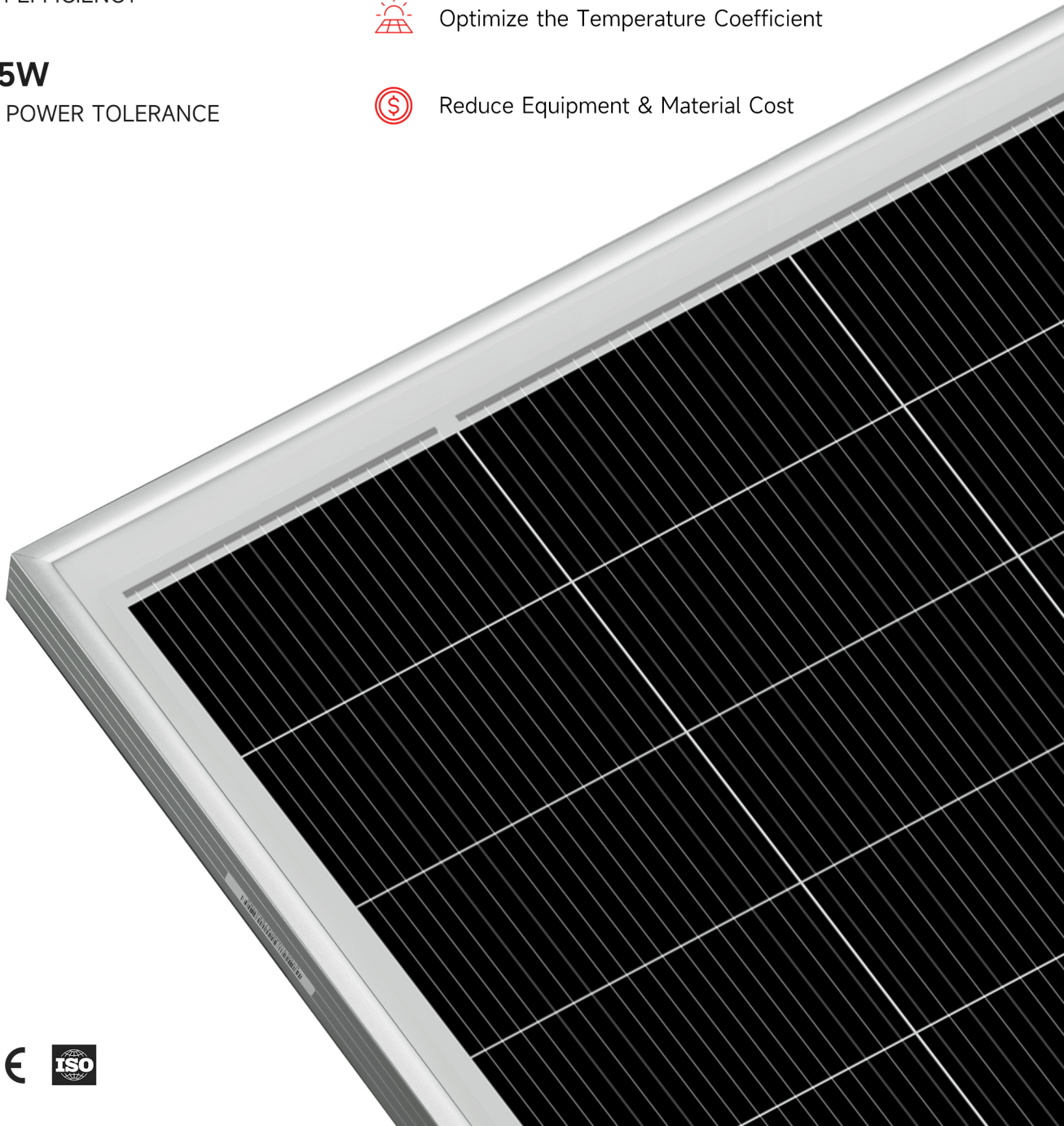
For Environment For Future



Optimize the Temperature Coefficient



Reduce Equipment & Material Cost



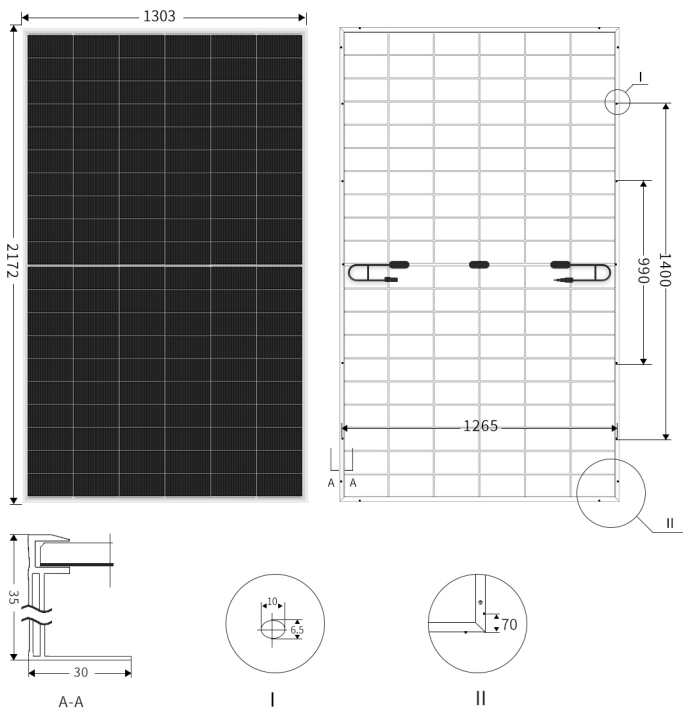
Module Type		PW-60M615HG12-BD		PW-60M620HG12-BD		PW-60M625HG12-BD		PW-60M630HG12-BD		PW-60M635HG12-BD	
Test Environment		STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power	P _{MAX} (W)	615	464	620	468	625	472	630	476	635	479
Maximum Power Voltage	V _{MPP} (V)	35.5	33.5	35.7	33.7	35.9	33.9	36.1	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	13.96	17.50	13.99
Open Circuit Voltage	V _{OC} (V)	42.7	40.4	42.9	40.6	43.1	40.8	43.3	41.0	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.

BIFACIAL OUTPUT-REAR SIDE POWER GAIN 10% FOR REFERENCE

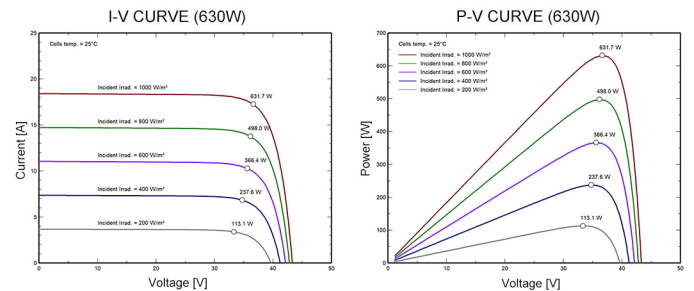
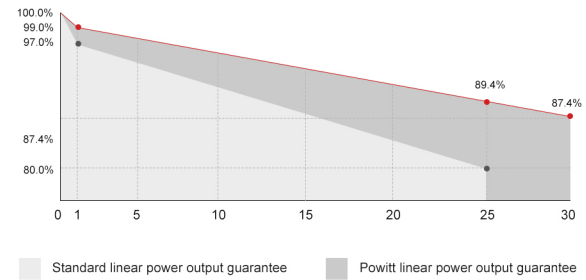
Module Type	PW-60M615HG12-BD	PW-60M620HG12-BD	PW-60M625HG12-BD	PW-60M630HG12-BD	PW-60M635HG12-BD
P _{max} (W)	676.5	682	687.5	693	698.5
V _{oc} (V)	42.7	42.9	43.1	43.3	43.5
I _{sc} (A)	20.13	20.18	20.23	20.28	20.33
V _{mp} (V)	35.5	35.7	35.9	36.1	36.3
I _{mp} (A)	19.06	19.1	19.15	19.2	19.24

DIMENSIONS OF PV MODULE



LINEAR PERFORMANCE WARRANTY

15 Year Product Warranty 30 Year Linear Power Warranty



MECHANICAL DATA		TEMPERATURE RATINGS	
Cell Type	Mono N-TYPE	Nominal Operating Cell Temperature(NOCT)	45±2°C
No. of Cells	120 (6 x 20)	Temperature Coefficient of P _{MAX}	-0.30%/°C
Module Dimensions	2172 x 1303 x 35mm	Temperature Coefficient of V _{OC}	-0.25%/°C
Weight	34.9kg	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	35A
Cables	4.0mm ² , 350mm or Customized Length	Mechanical Load	5400pa
Connector	MC4 Compatible	Wind Load	2400pa
PACKAGING CONFIGURATION		31 pcs/Pallet, 558 pcs/40'HQ	



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FUTURE POWER AT TODAY