

POLYCRYSTALLINE **330W-350W**

ESSOLX

72 CELL
POLYCRYSTALLINE MODULE

18%
MAXIMUM EFFICIENCY

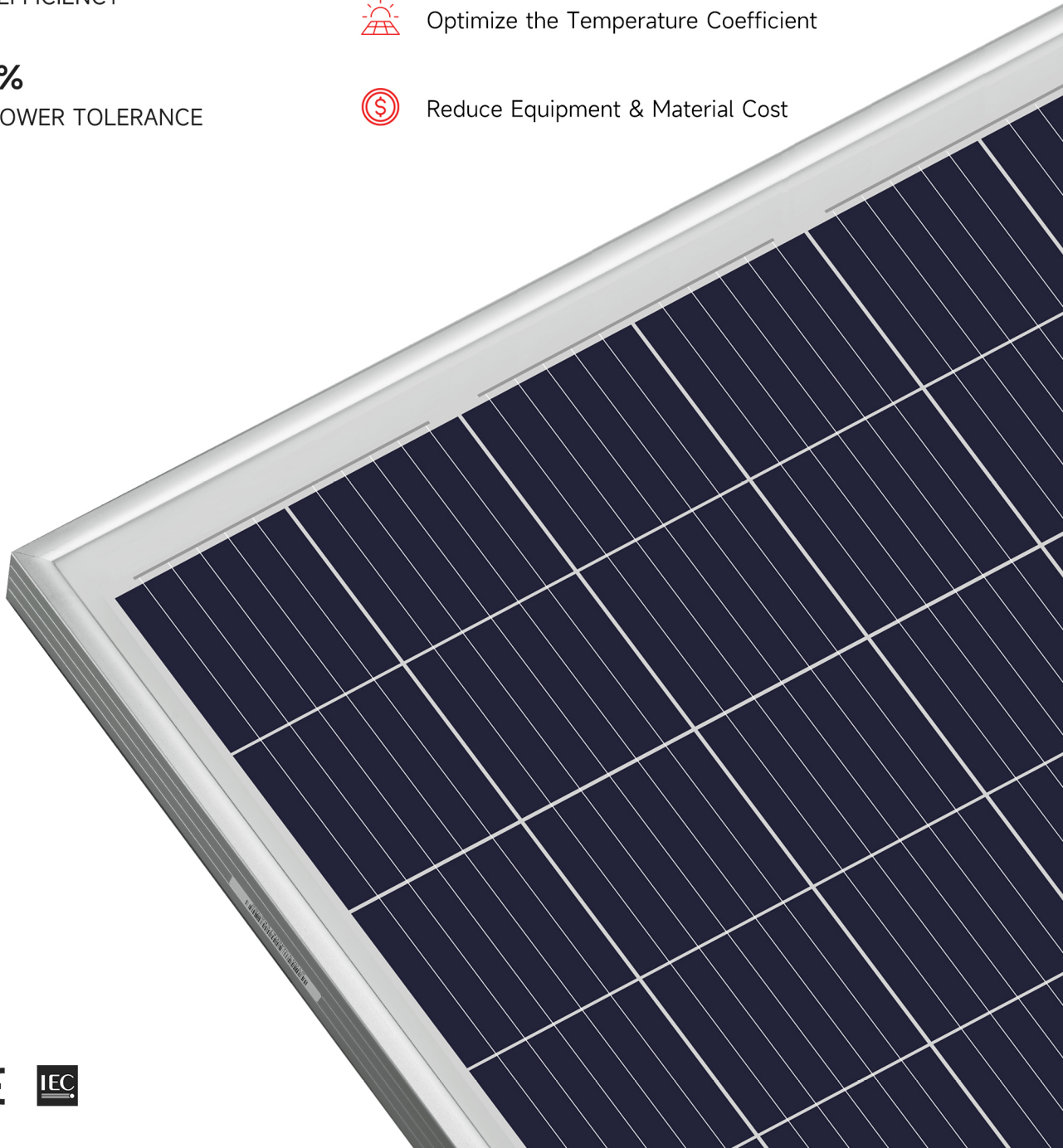
0 to +5%
POSITIVE POWER TOLERANCE

 Higher Output of Power

 For Environment For Future

 Optimize the Temperature Coefficient

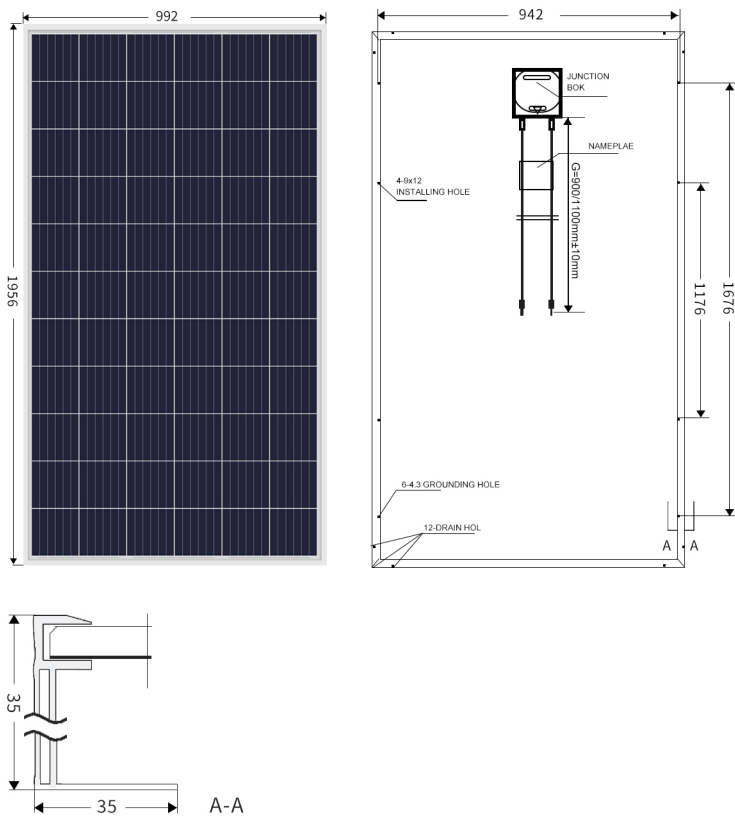
 Reduce Equipment & Material Cost



Module Type		X-6P72-330		X-6P72-340		X-6P72-350	
		STC	NOCT	STC	NOCT	STC	NOCT
Test Environment		STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power	$P_{MAX}(W)$	330	239	340	253	350	261
Maximum Power Voltage	$V_{MPP}(V)$	37.63	34.54	37.8	35.9	37.54	36.0
Maximum Power Current	$I_{MPP}(A)$	8.77	6.94	8.99	7.05	9.33	7.26
Open Circuit Voltage	$V_{OC}(V)$	45.95	42.44	46.2	44.0	46.08	44.1
Short Circuit Current	$I_{SC}(A)$	9.12	7.26	9.42	7.98	9.68	8.01
Tolerance	(%)	0 - +5		0 - +5		0 - +5	
Module Efficiency	(%)	17.0		17.5		18.0	

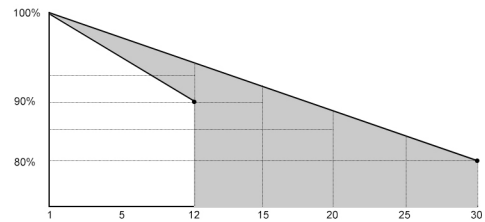
STC: Irradiance 1000 W/m², Cell Temperature 25°C, Air Mass AM1.5 according to EN 60904-3. Average efficiency reduction of 4.5% at 200W/m² according to EN 60904-1
 NOCT: Irradiance at 800 W/m², Ambient Temperature 20°C, Wind Speed 1m/s.

DIMENSIONS OF PV MODULE



LINEAR PERFORMANCE WARRANTY

🏠 12 Year Product Warranty 🕒 30 Year Linear Power Warranty



TEMPERATURE RATINGS

Nominal Operating Cell Temperature(NOCT)	45±2°C
Temperature Coefficient of P_{MAX}	-0.39%/°C
Temperature Coefficient of V_{OC}	-0.30%/°C
Temperature Coefficient of I_{SC}	+0.05%/°C

MAXIMUM RATING

Operational Temperature	-40 to +85°C
Maximum System Voltage	1000V DC
Max Series Fuse Rating	15A
Mechanical Load	5400pa
Wind Load	2400pa

MECHANICAL DATA

Solar Cells	Polycrystalline 156.75x156.75
Cell Orientation	72 Cells (6 x 12)
Module Dimensions	1956 x 992 x 35mm
Weight	18.5kg
Glass	High Transparency, Anti-Reflective, AR Coated and Heat Tempered Solar Glass -3.2mm
Backsheet	White
Frame	Silver Anodized Aluminium Alloy (Black Available)
J-Box	IP 67 Rated
Cables	Photovoltaic Technology Cable 4.0mm ² , 900mm (Customized Available)
Connector	MC4 Compatible

PACKAGING CONFIGURATION	Modules per Box: 31 Pieces	Modules per 40' Container: 816 Pieces
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