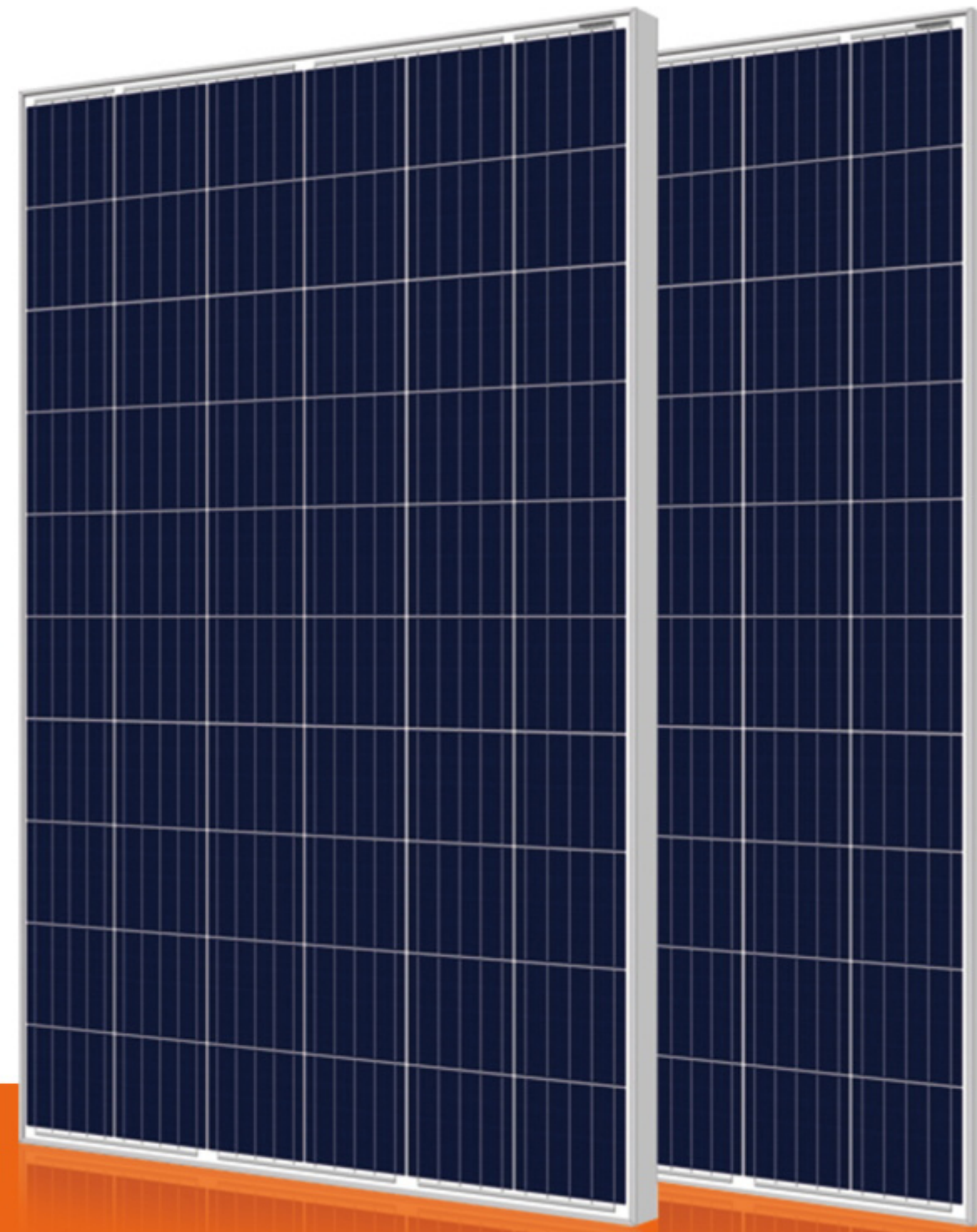


POLY SOLAR MODULE **280W**



SGS IEC61215 IEC61730
IEC17020 IEC17025 IEC17065

250W 260W 270W 280W

Higher Output Power
Lower LCOE

100% EL Detection
Guarantee No Micro Cracks

Excellent Anti-PID Low LID
Performance

Less Hot Spot Shading Effects

Low Degradation
First Year $\leq 2\%$ Year On Year $\leq 0.5\%$

8 Years Material And Process Warranty
25 Years Linear Power Output Warranty

POLY SOLAR MODULE 250-280W

ELECTRICAL CHARACTERISTICS

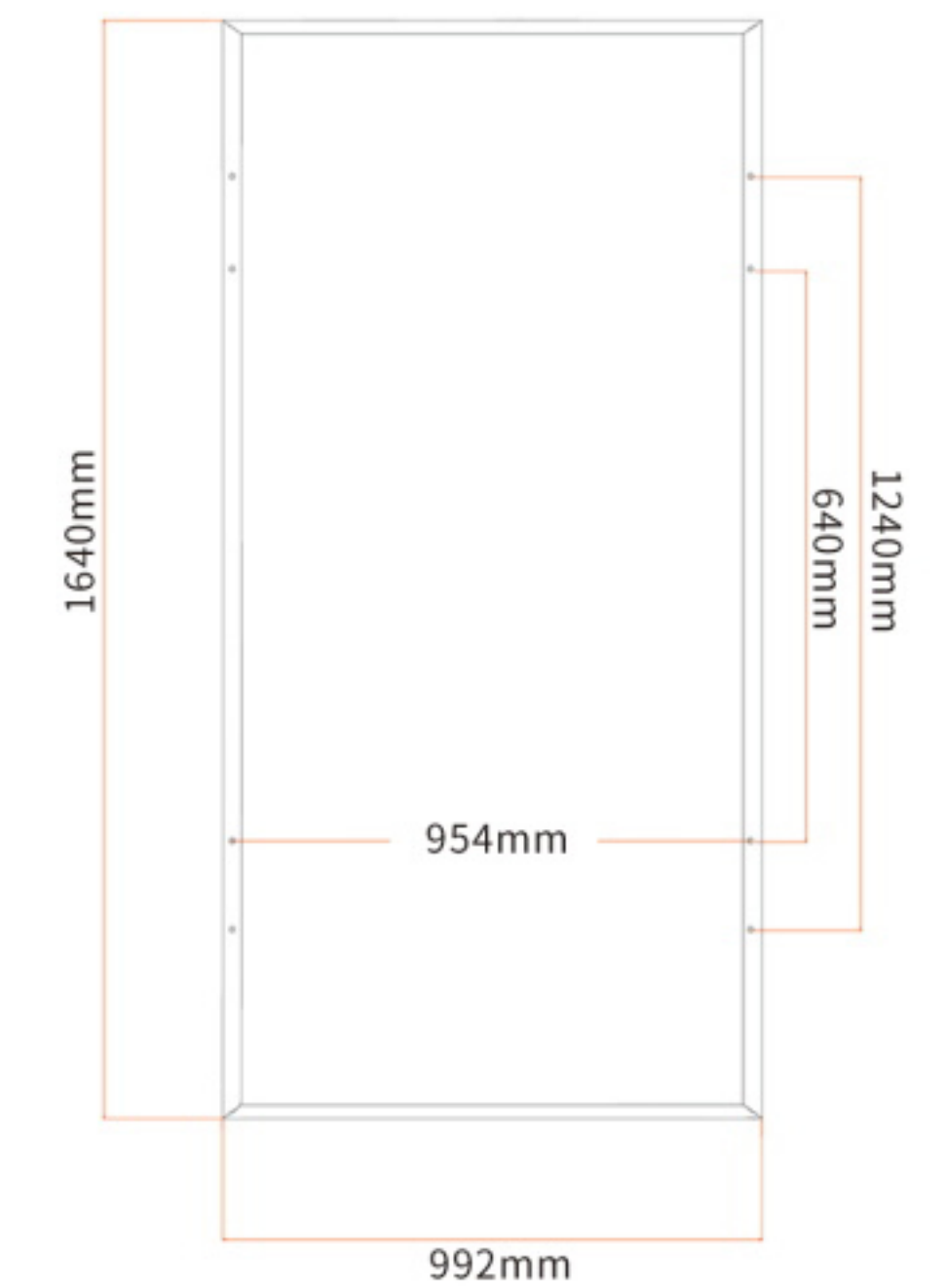
POWER TOLERANCE: $\pm 3\%$

Model	GSPB250-60		GSPB260-60		GSPB270-60		GSPB280-60	
	STC	NOTC	STC	NOTC	STC	NOTC	STC	NOTC
Test Conditions	STC	NOTC	STC	NOTC	STC	NOTC	STC	NOTC
Pmax/W	250	185	260	193	270	200	280	207
Vmp/V	29.44	27.18	30.56	28.22	31.71	29.28	31.93	29.48
Imp/A	8.49	6.80	8.51	6.82	8.51	6.82	8.77	7.02
Voc/V	35.43	33.30	36.71	34.51	38.04	35.76	38.23	35.94
Isc/A	8.86	7.11	9.11	7.31	9.22	7.39	9.42	7.55

STC: Irradiance 1000W/m², Cell temperature 25°C, AM1.5G NOTC: Irradiance 800W/m², Cell temperature 20°C, AM1.5G, Wind speed 1m/s

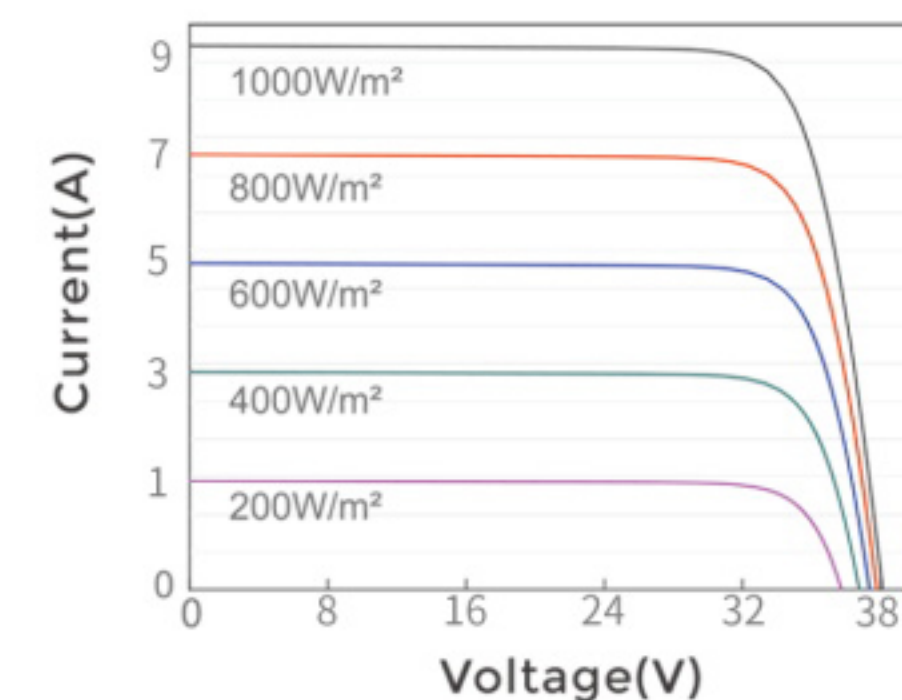
MECHANICAL PARAMETERS

Cell Type	Poly-crystalline Silicon
No.of Cells	60 (6*10)
Dimensions	1640 x 992 x 35mm
Glass	3.2mm coated tempered glass
Frame	Anodized aluminium alloy
Juncon Box	IP68, three diodes
Output Cable	4.0mm ² Length can be customized
Connectors	MC4 compatible
Mechanical load test	Front 5400Pa / Rear 2400Pa
PV Module Fire Class	Class C
Hailstone Test	25mm Hailstone at the speed of 23m/s
Working temperature	-40~+85°C
Maximum voltage	1500V DC
Battery operating temperature	44 \pm 2°C



CHARACTERISTICS

Current-Voltage Curve **GSPB280-60**



Power-Voltage Curve **GSPB280-60**

