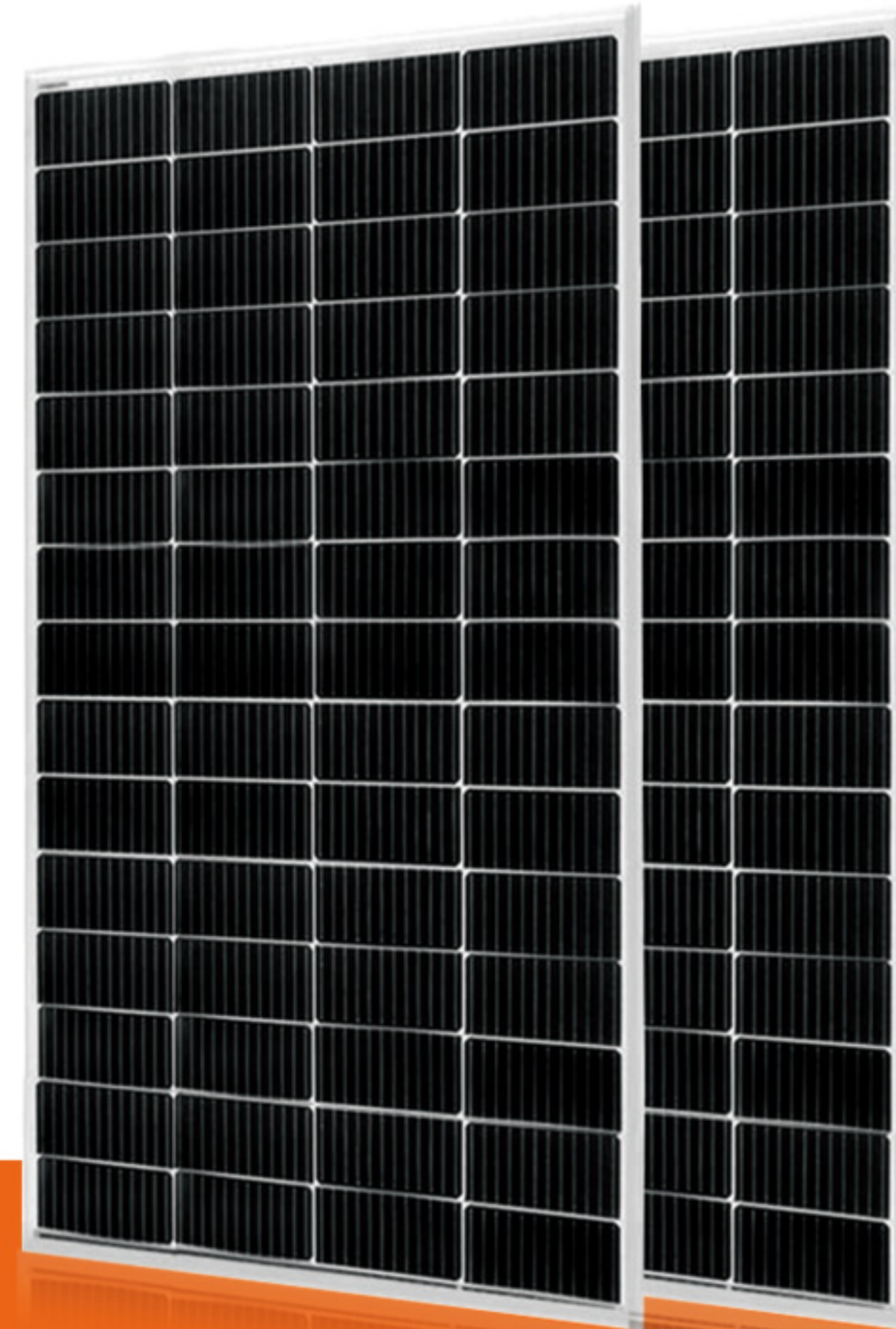


MONO SOLAR MODULE 310W



SGS IEC61215 IEC61730
IEC17020 IEC17025 IEC17065

**260W 270W 280W
290W 300W 310W**



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

MONO SOLAR MODULE 260-310W

ELECTRICAL CHARACTERISTICS

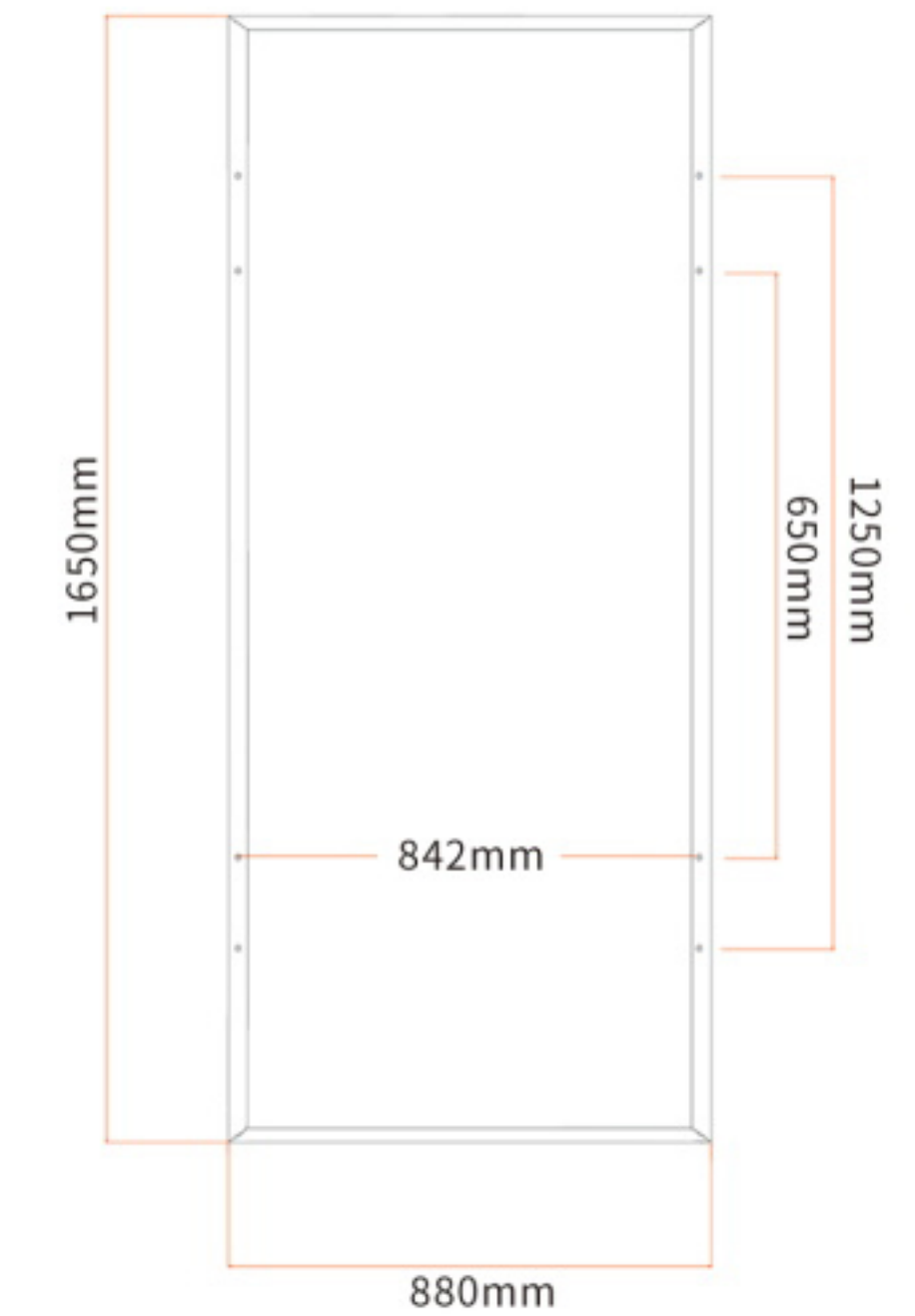
POWER TOLERANCE: $\pm 3\%$

Model	GSMB260-60		GSMB270-60		GSMB280-60		GSMB290-60		GSMB300-60		GSMB310-60	
	STC	NOTC	STC	NOTC	STC	NOTC	STC	NOTC	STC	NOT	STC	NOTC
Test Conditions	STC	NOTC	STC	NOTC	STC	NOTC	STC	NOTC	STC	NOT	STC	NOTC
Pmax/W	260	193	270	200	280	207	290	215	300	222	310	227
Vmp/V	32.03	29.57	32.76	30.25	33.48	30.91	34.22	31.60	34.98	32.30	35.34	32.63
Imp/A	8.11	6.50	8.24	6.60	8.35	6.69	8.47	6.78	8.58	6.87	8.67	6.94
Voc/V	39.42	37.05	39.84	37.45	40.14	37.73	40.56	38.13	41.10	38.63	41.40	38.92
Isc/A	8.71	6.99	8.76	7.03	8.88	7.12	8.97	7.19	9.06	7.27	9.11	7.31

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

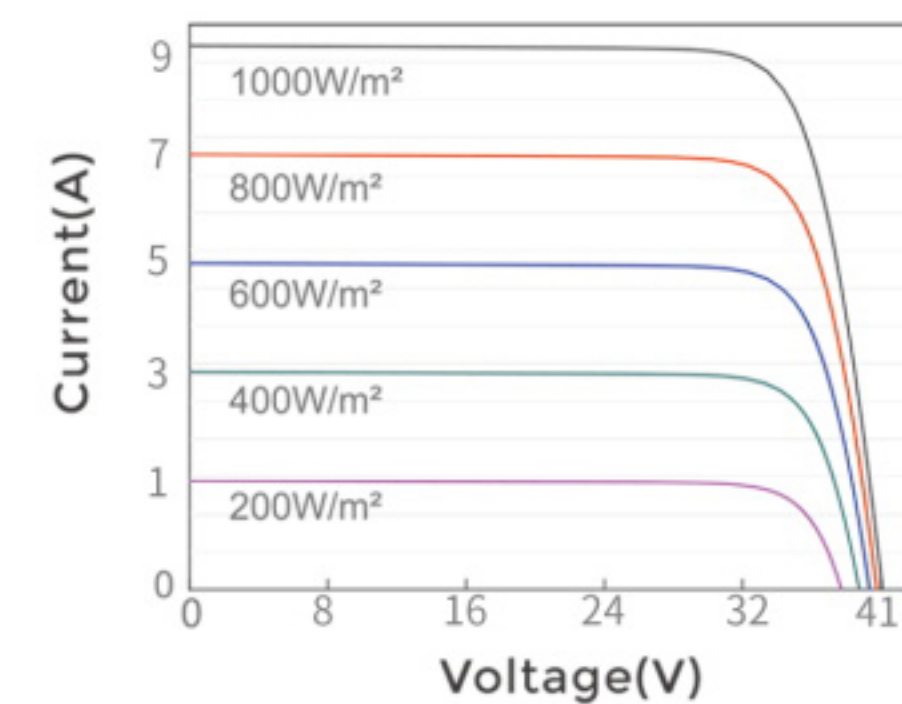
MECHANICAL PARAMETERS

Cell Type	Mono-crystalline Silicon
No.of Cells	60 (4*15)
Dimensions	1650 x 880 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 **GSMB310-60**



Power-Voltage Curve **GSMB310-60**

