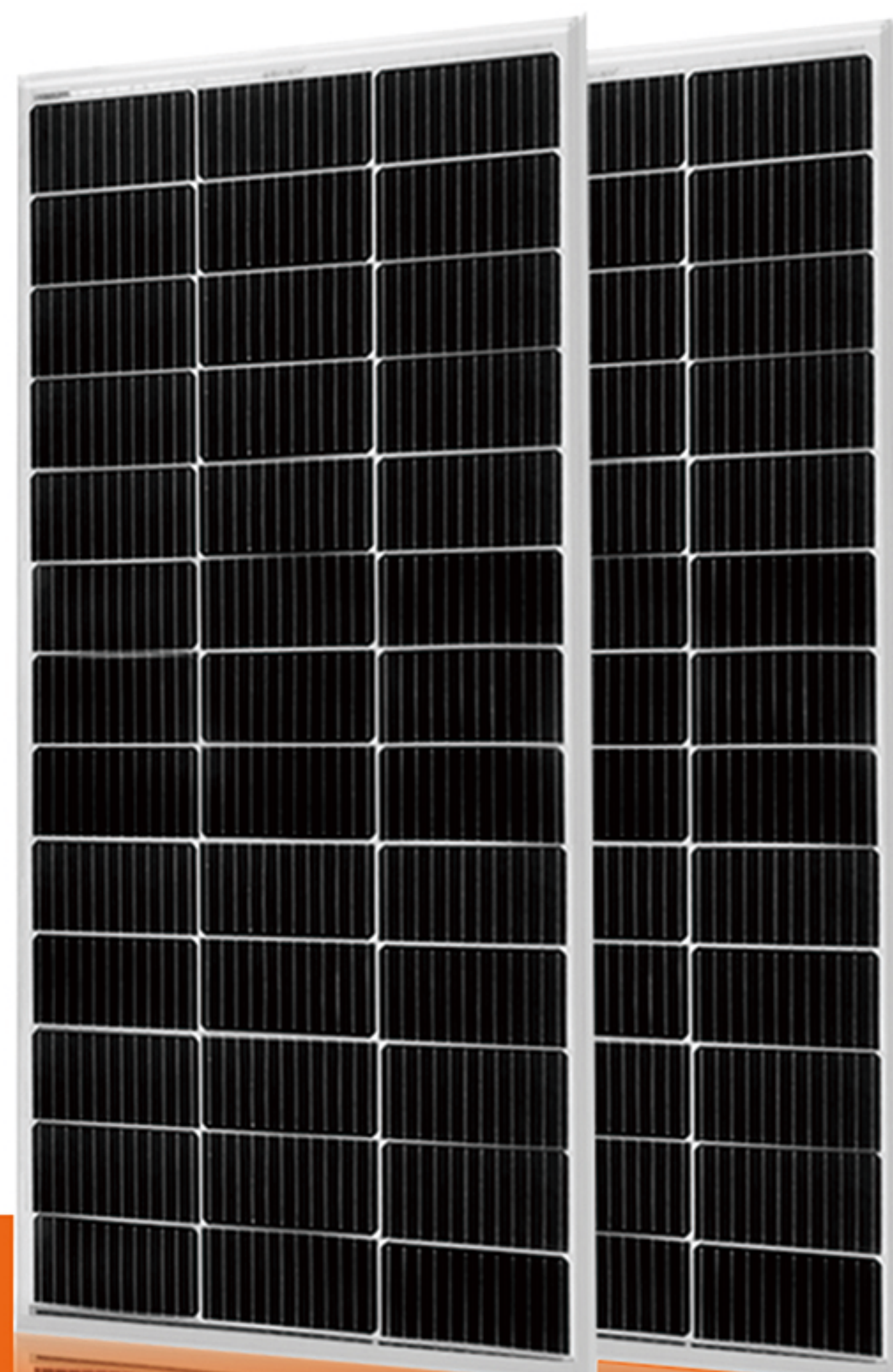


### MONO SOLAR MODULE 200W

SGS IEC61215 IEC61730  
IEC17020 IEC17025 IEC17065

170W/180W/190W/200W



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 170-200W

### ELECTRICAL CHARACTERISTICS

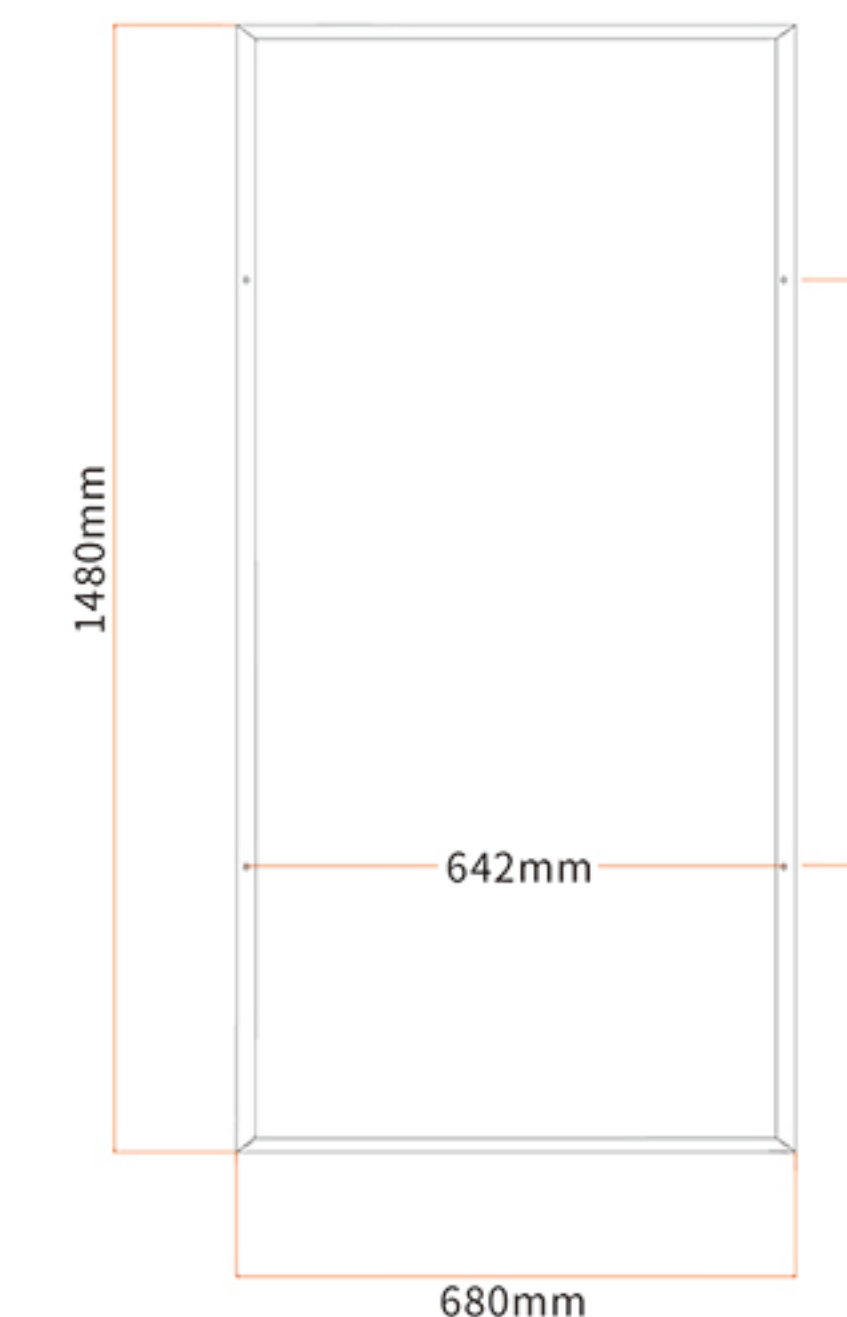
POWER TOLERANCE:  $\pm 3\%$

Model	GSMB170-39		GSMB180-39		GSMB190-39		GSMB200-39	
	STC	NOTC	STC	NOTC	STC	NOTC	STC	NOTC
Test Conditions	STC	NOTC	STC	NOTC	STC	NOTC	STC	NOTC
Pmax/W	170	126	180	133	190	141	200	148
Vmp/V	21.08	19.46	21.72	20.05	22.34	20.63	22.97	21.21
Imp/A	8.06	6.46	8.28	6.63	8.51	6.82	8.69	6.96
Voc/V	25.51	23.98	26.06	24.50	26.48	24.89	26.91	25.30
Isc/A	8.54	6.83	8.77	7.03	8.99	7.21	9.11	7.31

STC: Irradiance 1000W/m<sup>2</sup>, Cell temperature 25°C, AM1.5G NOTC: Irradiance 800W/m<sup>2</sup>, Cell temperature 20°C, AM1.5G, Wind speed 1m/s

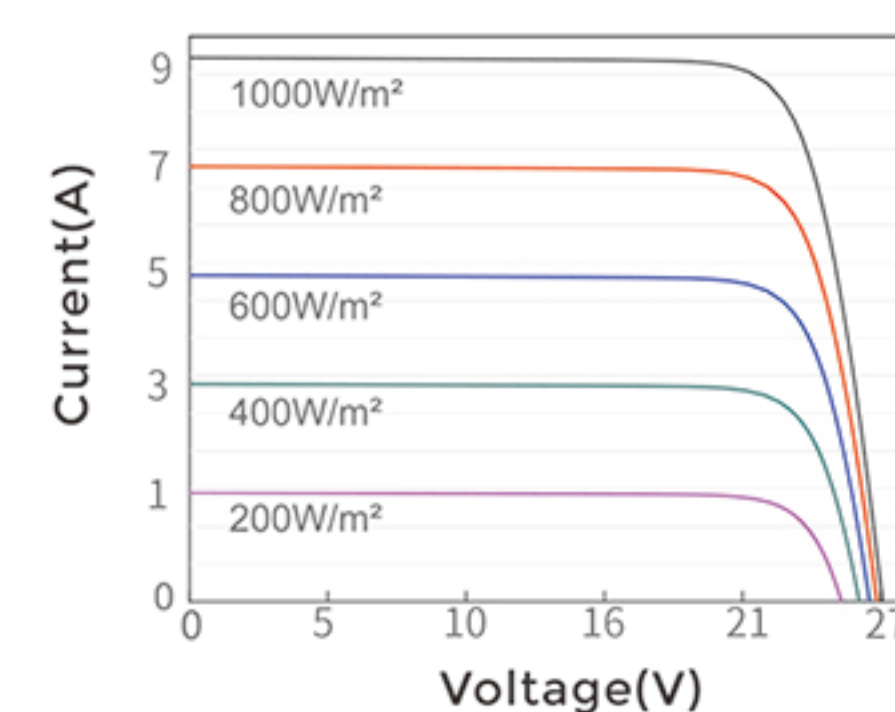
### MECHANICAL PARAMETERS

Cell Type	Mono-crystalline Silicon
No.of Cells	39 (3*13)
Dimensions	1480 x 680 x 35mm
Glass	3.2mm coated tempered glass
Frame	Anodized aluminium alloy
Juncon Box	IP68, three diodes
Output Cable	4.0mm <sup>2</sup> 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 GSMB200-39



Power-Voltage Curve GSMB200-39

