

# GS60M-370-390

Half Cell Monocrystalline 120 Cells 370W-390W

## ★ FEATURES



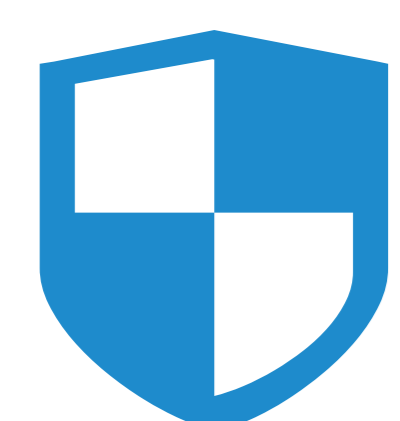
### INCREASE POWER OUTPUT

0~+5W power guarantee



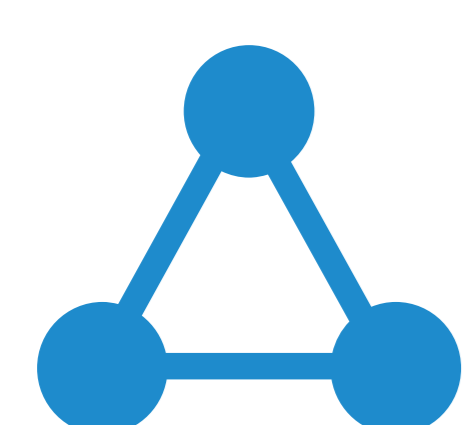
### ENHANCED POWER OUTPUT

Temperature coefficient of maximum power:  $-0.35\%/^{\circ}\text{C}$



### REDUCE OCCLUSION LOSS

Very little chance of hot spots, ensuring safe power generation of modules

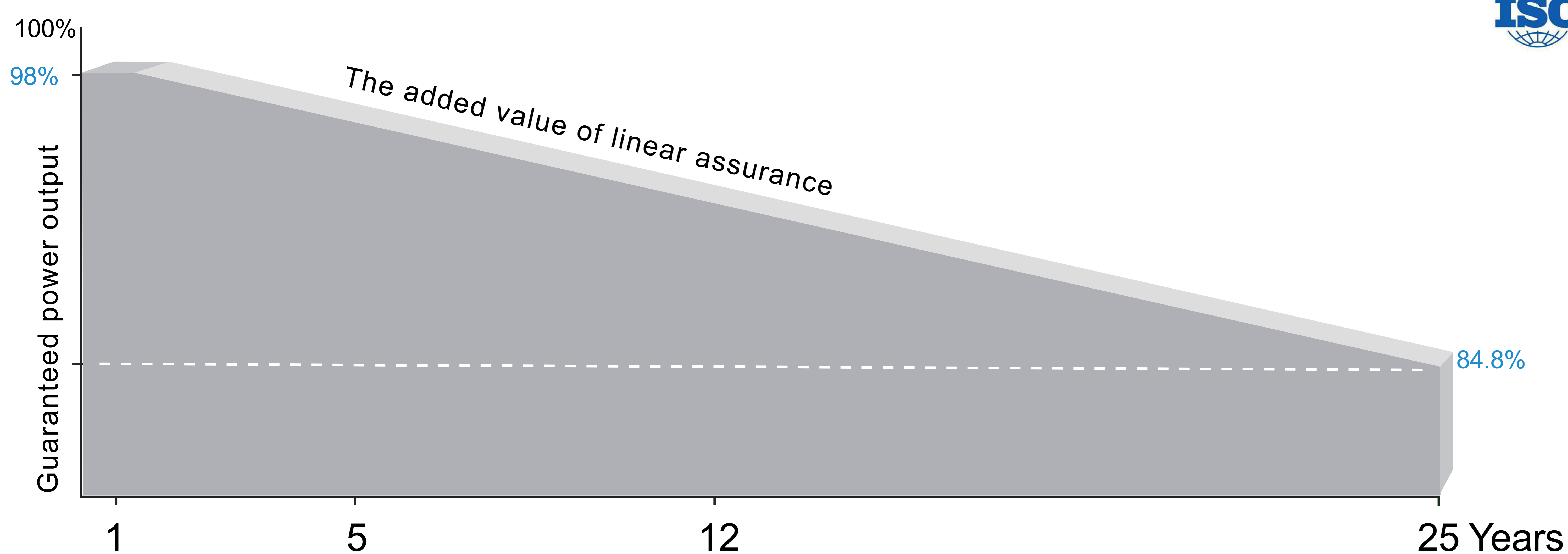


### STRONGER MECHANICAL LOAD

2400pa reverse load, 5400pa front mechanical load



## LINEAR PERFORMANCE WARRANTY

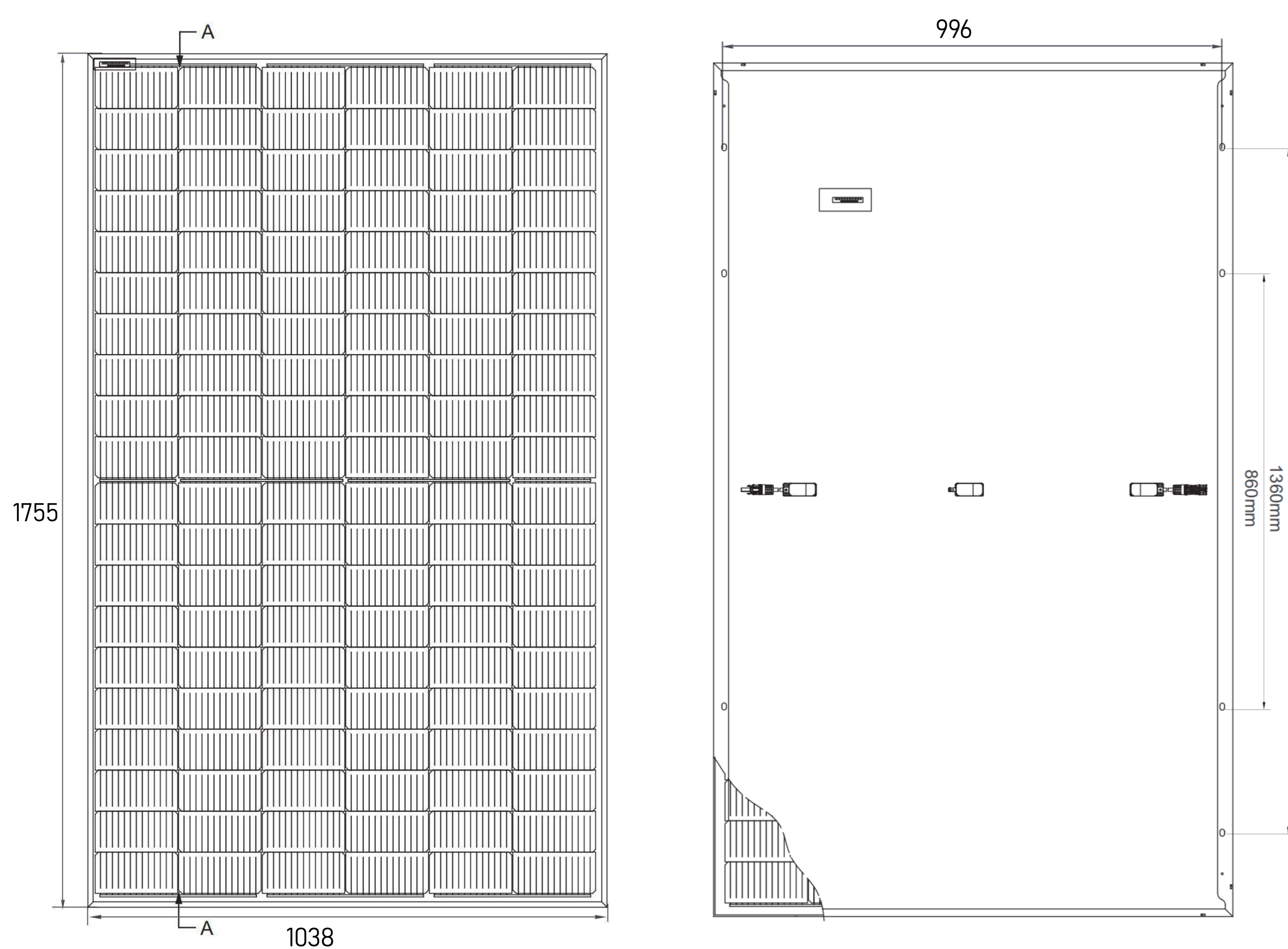


**15** Years Product Warranty

**25** Years Power Warranty

The first year  $\leq 3\%$ , 2-25 years  $\leq 0.55\%/year$

## ★ ENGINEERING DRAWINGS



## ★ MECHANICAL CHARACTERISTICS

Cell Type	Mono 166x83mm
Weight(kg)	20kg
Glass Thickness	3.2mm
Dimensions (L*W*H)(mm)	1755x1038x35mm
Cable Cross Section Size (mm <sup>2</sup> )	4mm <sup>2</sup>
No.of Cells and Connections	6x(20)
Junction Box	IP68
Connector	MC4 Compatible

## ★ WORKING CONDITION

Maximum System Voltage	DC 1000V/1500V
Operating Temperature	-40 C ~ +85 C
Maximum Series Fuse	20A
Maximum Static Load,Front (e.g.,snow and wind)	5400Pa
Maximum Static Load,Back (e.g.,wind)	2400Pa
NOCT	45±2 C
Application Class	Class A

## ★ PACKAGING CONFIGURATION

Moduels Per Pallet	31Pcs
Moduels Per 40HQ	868Pcs

## ★ SPECIFICATIONS

Module

### GS60M-370-390

	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power Pmax (W)	370	280	375	284	380	287	385	291	390	295
Maximum Power Voltage (Vmp/V)	34.2	32.33	34.50	32.55	34.77	32.72	34.92	32.96	35.33	33.20
Maximum Power Current (Imp/A)	10.82	8.66	10.87	8.71	10.93	8.78	10.99	8.85	11.04	8.88
Open Circuit Voltage (Voc/V)	41.30	38.65	41.45	38.89	41.62	39.14	41.78	39.38	41.94	39.63
Short Circuit Current (Isc/A)	11.37	9.20	11.41	9.25	11.47	9.30	11.53	9.35	11.58	9.40
Module Efficiency (%)	19.9		20.2		20.4		20.7		21	
Temperature Coefficient of Isc (αIsc)	+0.048%/°C									
Temperature Coefficient of Voc (βVoc)	-0.28%/°C									
Temperature Coefficient of Pmax (γPmp)	-0.34%/°C									
STC	Irradiance 1000W/m <sup>2</sup> , Cell Temperature 25 °C, Air Mass 1.5									
NOCT	Irradiance 800W/m <sup>2</sup> , Cell Temperature 20 °C, Air Mass 1.0									

## ★ CHARACTERISTIC CURVE

