

## JS-108HBC 410~430M

- Suitable for Distribution Market
- Pure black for extreme elegance
- Better energy generation performance
- High-quality module guarantees long-term reliability



15-year Warranty for  
Materials and Processing



25-year Warranty for Extra  
Linear Power Output

### Complete System and Product Certifications

IEC 61215, IEC 61730, UL 61730

ISO9001:2015: ISO Quality Management System

ISO14001: 2015: ISO Environment Management System

ISO45001: 2018: Occupational Health and Safety

IEC62941: Guideline for module design qualification and type approval

**22.0%**  
MAX MODULE  
EFFICIENCY

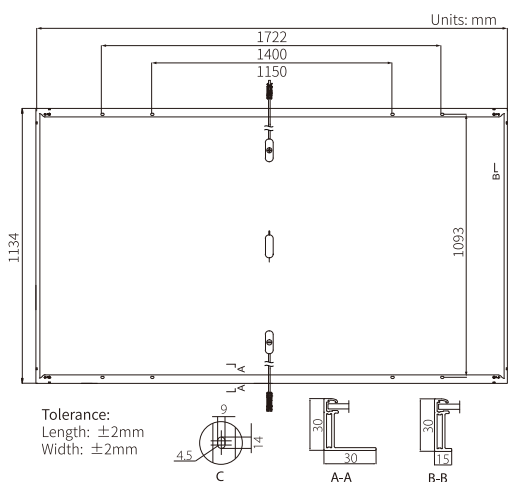
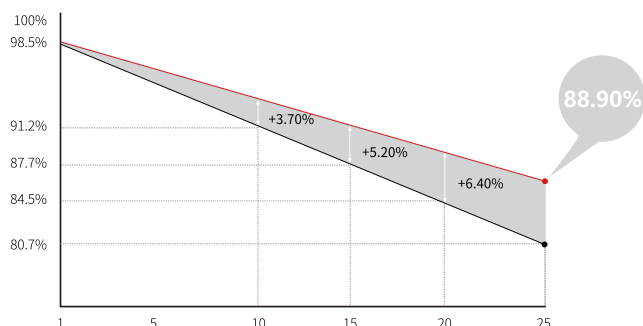
**0~3%**  
POWER  
TOLERANCE

**<1.5%**  
FIRST YEAR  
POWER DEGRADATION

**0.40%**  
YEAR 2-25  
POWER DEGRADATION

## Additional Value

25-Year Power Warranty



## Mechanical Parameters

Cell Orientation	108 (6×18)
Junction Box	IP68, three diodes
Output Cable	4mm <sup>2</sup> , ±1200mm length can be customized
Glass	Single glass, 3.2mm coated tempered glass
Frame	Anodized aluminum alloy frame
Weight	20.8kg
Dimension	1722×1134×30mm
Packaging	36pcs per pallet / 216pcs per 20' GP / 936pcs per 40' HC

## Electrical Characteristics

STC : AM1.5 1000W/m<sup>2</sup> 25°C      NOCT : AM1.5 800W/m<sup>2</sup> 20°C 1m/s      Test uncertainty for Pmax: ±3%

Module Type	JS410M108HBC		JS415M108HBC		JS420M108HBC		JS425M108HBC		JS430M108HBC	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Testing Condition	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power (Pmax/W)	410	306	415	310	420	314	425	318	430	321
Open Circuit Voltage (Voc/V)	38.63	36.27	38.83	36.46	39.03	36.65	39.23	36.83	39.43	37.02
Short Circuit Current (Isc/A)	13.70	11.07	13.78	11.13	13.85	11.19	13.93	11.25	14.00	11.31
Voltage at Maximum Power (Vmp/V)	32.36	29.53	32.56	29.71	32.76	29.89	32.96	30.08	33.16	30.26
Current at Maximum Power (Imp/A)	12.67	10.37	12.75	10.44	12.83	10.50	12.90	10.56	12.97	10.62
Module Efficiency(%)	21.0		21.3		21.5		21.8		22.0	

## Operating Parameters

Operational Temperature	-40°C ~ +85°C
Power Output Tolerance	0 ~ 3%
Voc and Isc Tolerance	±3%
Maximum System Voltage	DC1500V (IEC/UL)
Maximum Series Fuse Rating	25A
Nominal Operating Cell Temperature	45±2°C
Protection Class	Class II
Fire Rating	UL type 1 or 2 IEC Class C

## Mechanical Loading

Front Side Maximum Static Loading	5400Pa
Rear Side Maximum Static Loading	2400Pa
Hailstone Test	25mm Hailstone at the speed of 23m/s

## Temperature Ratings (STC)

Temperature Coefficient of Isc	+0.050%/°C
Temperature Coefficient of Voc	-0.230%/°C
Temperature Coefficient of Pmax	-0.290%/°C