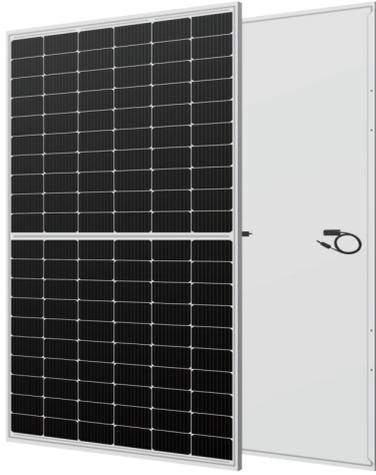


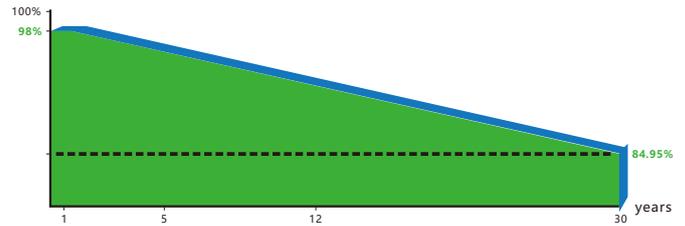


Single Glass 10BB Half-cut Mono Perc



## Guaranteed Power Performance

- ▲ 12 Years Product Warranty
- ▲ 30 Years Linear Power Warranty
- ▲ 0.45% Annual Degradation Over 30 Years



## KEY FEATURES

-  Half-cut cell technology  
New circuit design, lower internal current, lower  $R_s$  loss
-  Guaranteed 0~+5W positive tolerance to ensure power output
-  Excellent mechanical load 2400Pa and snow load 5400Pa resistance
-  Higher power generation, Lower LCOE
-  Excellent Anti-PID performance guarantee via optimized mass-production process and materials control
-  Dual stage 100% EL Inspection  
Warranting Defect-Free Product

## Comprehensive Certificates

ISO9001: 2015: Quality Management System

ISO14001:2015: Environment Management System

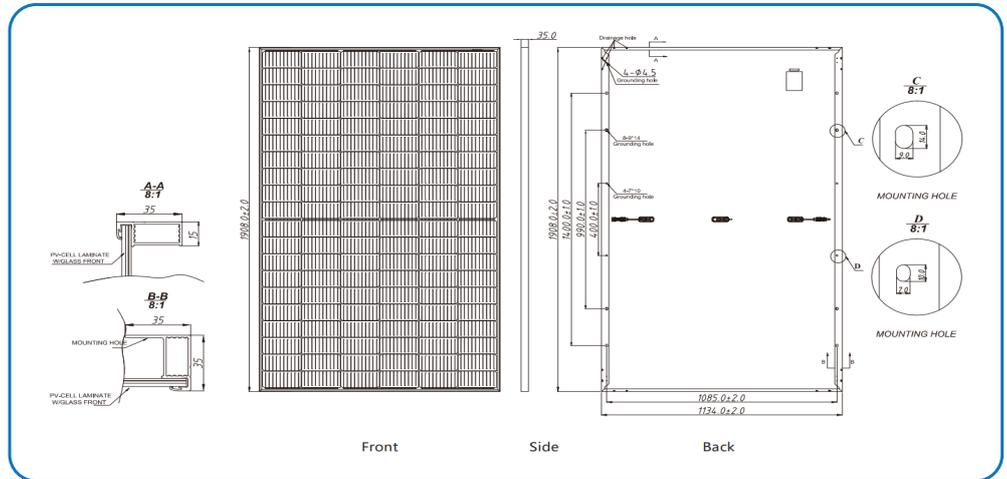
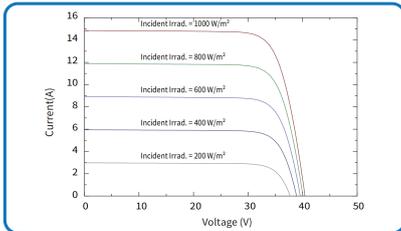
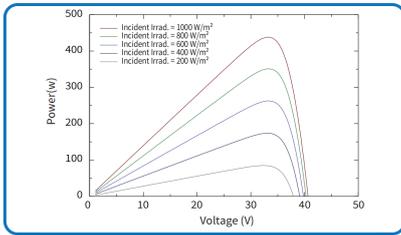
ISO45001:2018: Occupational Health And Safety Management System



**Add: saysettha development zone, nano villagesaysettha District, vientiane laos**

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### I-V Curve



**Weight:** 24.3kg      **Dimensions:** 1908\*1134\*35mm

**Packaging:** 31 pcs/pallet, 744 pcs/ 40'HQ Container

### MECHANICAL CHARACTERISTICS

Cell Type	Monocrystalline 182*91 mm
No. Of Cells	120 pcs in series (6x20)
Front Glass	3.2mm Coated Tempered Glass
Backsheet	Color: White
Frame	Anodized Aluminium Alloy
Junction Box	IP68, 3 Bypass Diodes
Output Cables	300mm in length or Customized Length
Connectors	MC4/MC4-EVO2
Mechanical Load	5400Pa(Front)/2400Pa(Back)

### OPERATING CONDITIONS

Operating Temperature	-40°C ~ +85°C
Maximum System Voltage	1500V/DC(IEC)
Maximum Series Fuse Rating	25A
Power Tolerance	0 ~ +3%
Safety Protection Class	Class II
Temperature Coefficients Of Pmax	-0.35%/C
Temperature Coefficients Of Voc	-0.26%/°C
Temperature Coefficients Of Isc	+0.048%/°C
Nominal Module Operating Temperature (NMOT)	43±2°C

### ELECTRICAL PARAMETERS AT STC

Module Type	JESG7P60S-AW-440W	JESG7P60S-AW-445W	JESG7P60S-AW-450W	JESG7P60S-AW-455W	JESG7P60S-AW-460W
Maximum Power(Pmax)	440	445	450	455	460
Maximum Power Voltage (Vmp)	34.35	34.53	34.70	34.87	35.04
Maximum Power Current (Imp)	12.81	12.89	12.97	13.05	13.13
Open-Circuit Voltage (Voc)	40.99	41.16	41.33	41.50	41.67
Short-Circuit Current (Isc)	13.69	13.78	13.86	13.94	14.02
Module Efficiency STC (%)	20.34%	20.57%	20.80%	21.03%	21.26%

\*Due to continuous innovation and R&D enhancement, the specifications and key functions described in this data sheet may have slight deviations and cannot be guaranteed. The final interpretation rights belong to JE Solar