

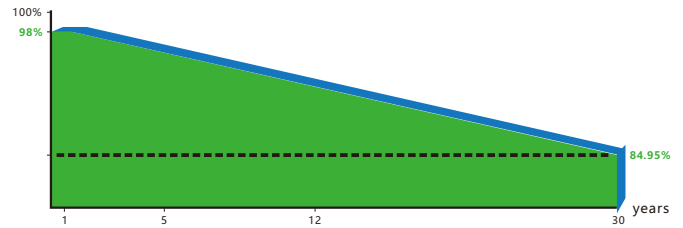


Single Glass 9BB Half-cut Mono Perc





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

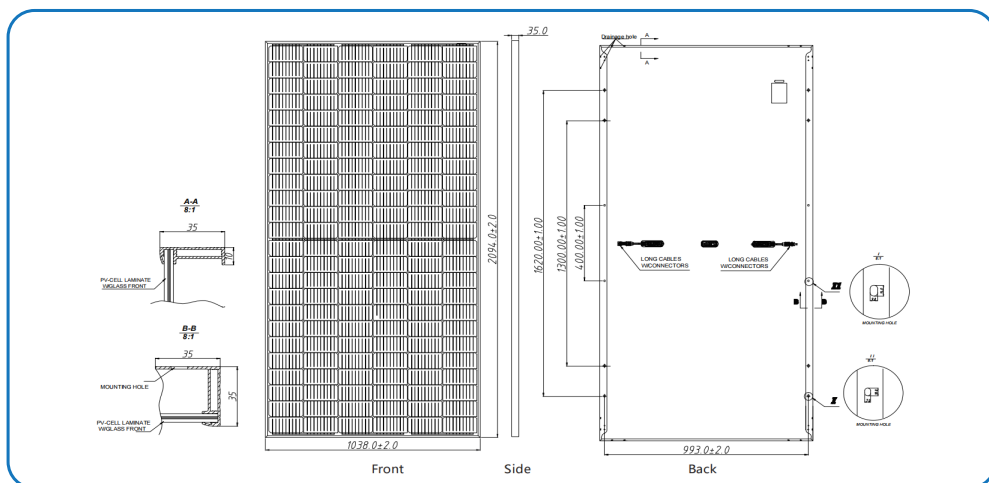
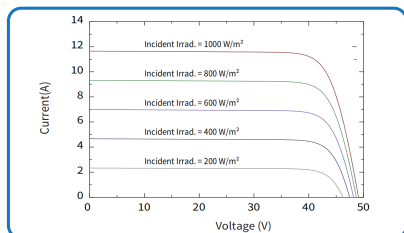
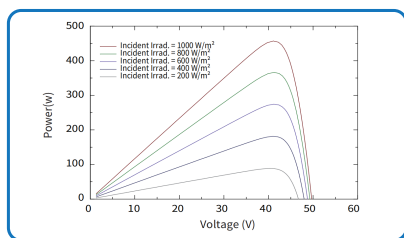
ISO45001:2018: Occupational Health And Safety Management System



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

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I-V Curve



Weight: 23.5kg **Dimensions:** 2094*1038*35mm

Packaging: 31 pcs/pallet, 715 pcs/ 40'HQ Container

MECHANICAL CHARACTERISTICS

Cell Type	Monocrystalline 166*83 mm
No. Of Cells	144 pcs in series (6x24)
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	20A
Power Tolerance	0 ~ +3%
Safety Protection Class	Class II
Temperature Coefficients Of Pmax	-0.36%/°C
Temperature Coefficients Of Voc	-0.26%/°C
Temperature Coefficients Of Isc	+0.043%/°C
Nominal Module Operating Temperature (NMOT)	43±2°C

ELECTRICAL PARAMETERS AT STC

Module Type	JESG6P72S-AW-435W	JESG6P72S-AW-440W	JESG6P72S-AW-445W	JESG6P72S-AW-450W	JESG6P72S-AW-455W
Maximum Power(Pmax)	435	440	445	450	455
Maximum Power Voltage (Vmp)	40.30	40.50	40.70	40.90	41.10
Maximum Power Current (Imp)	10.80	10.87	10.94	11.01	11.08
Open-Circuit Voltage (Voc)	49.00	49.20	49.40	49.60	49.80
Short-Circuit Current (Isc)	11.33	11.40	11.47	11.54	11.61
Module Efficiency STC (%)	20.01%	20.24%	20.47%	20.70%	20.93%

*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