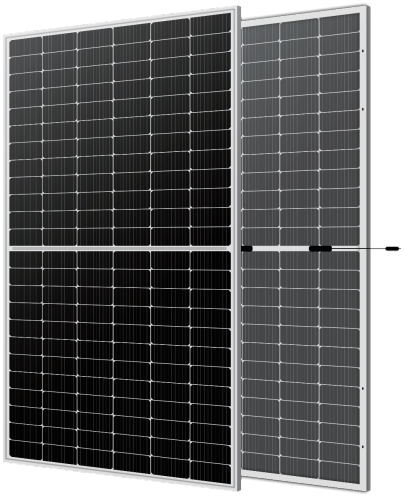
JE SOLAR

JEBD7P72S-AT

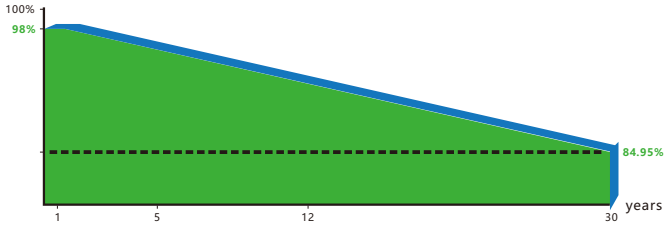
530~550W

Bifacial Dual 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 nternal current,lower Rs loss
- Guaranteed 0~+5W positive tolerance to ensure power output
- Excellent mechanical load 2400Pa and snow load 5400Pa resistance
- Higherpowergeneration , LowerLCOE
- Excellent Anti-PID performance guarantee via optimized mass-production process and materials control
- Dual stage 100% EL Inspection
  Warranting Defect-Free Product

Comprehensive Certificates

IS09001: 2015: Quality Management System
IS014001:2015: Environment Management System
IS045001:2018: Occupational Health And Safety Management System

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

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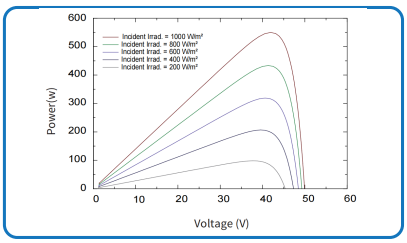
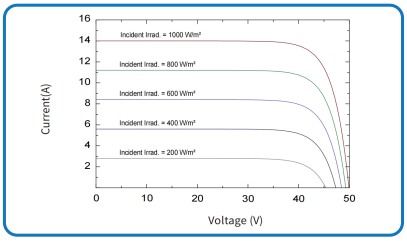
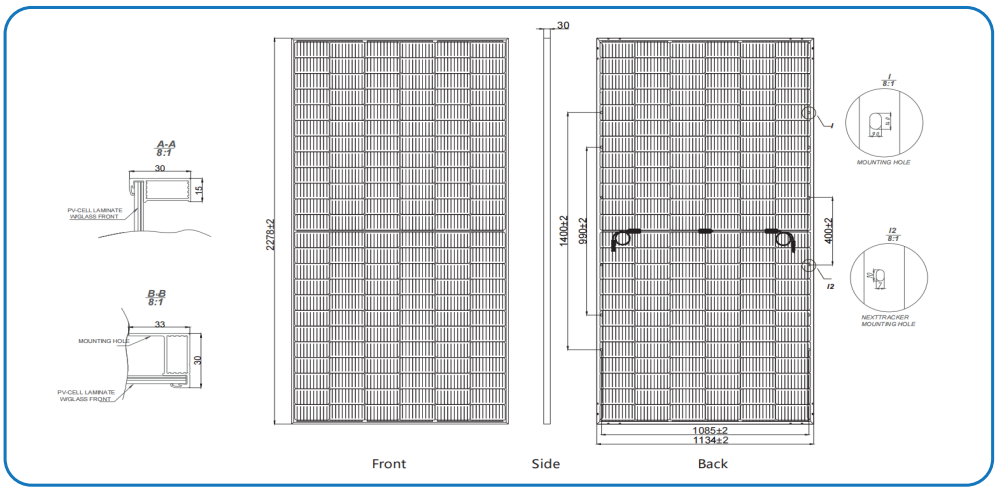
JEBD7P72S-AT

I-V Curve

530~550W







Weight: 31.8kg **Dimensions:** 2278*1134*30mm

Packaging: 36pcs/pallet,720pcs/ 40'HQ Container

MECHANICAL CHARACTERISTICS

Cell Type	Monocrystalline 182*91mm
No. Of Cells	144 pcs in series (6x24)
Front Glass	2.0mm AR Coating Semi-tempered Glass
Back Glass	2.0mm Glazed Semi-tempered Glass
Frame	Anodized Aluminium Alloy,silver or black
Junction Box	IP68 ,3Bypass Diodes
Output Cables	300mm in legth or Customized Length
Connectors	MC4-EVO2
Mechanical Load	5400Pa(Front)/2400Pa(Back)

OPERATING CONDITIONS

Operating Temperature	-40°C~+85°C
Maximum System Voltage	1500V/DC
Maximum Series Fuse Rating	30A
Power Tolerance	0~+3%
Temperature Coeffcients Of Pmax	-0.35%/°C
Temperature Coeffcients Of Voc	-0.26%/°C
Temperature Coeffcients Of Isc	0.048%/°C
Nominal Module Operating Temperature(NMOT)	43±2°C
*Under STC :BACKside Output Ration =Pmax(rear)/Pmax(front)	70%±5%

ELECTRICAL PARAMETERS AT STC

Module Type	JEBD7P72S-AT-530W	JEBD7P72S-AT-535W	JEBD7P72S-AT-540W	JEBD7P72S-AT-545W	JEBD7P72S-AT-550W
Maximum Power(Pmax)	530	535	540	545	550
Maximum Power Voltage (Vmp)	41.32	41.48	41.64	41.80	41.96
Maximum Power Current (Imp)	12.83	12.90	12.97	13.04	13.11
Open-Circuit Voltage (Voc)	49.32	49.46	49.60	49.76	49.92
Short-Circuit Current (Isc)	13.72	13.79	13.86	13.93	14.00
Module Effciency STC (%)	20.52%	20.71%	20.90%	21.10%	21.29%

*STC: Irradiance 1000W/m², AM=1.5, Cell temperature 25℃.

BIFACIAL OUTPUT-REARSIDE POWER GAIN

5%	Maximum Power(Pmax)	556	561	567	572	577
	Module Efficiency STC (%)	21.52%	21.72%	21.95%	22.14%	22.34%
15%	Maximum Power(Pmax)	609	615	621	626	632
	Module Efficiency STC (%)	23.57	23.81	24.04	24.23	24.47
25%	Maximum Power(Pmax)	662	668	675	681	687
	Module Efficiency STC (%)	25.63%	25.86%	26.13%	26.36%	26.59%

*Bifacial Gain: The additional gain from the back side compared to the power of the front side at the standard test condition. It depends on mounting (structure, height, tit angle etc.) and albedo of the ground.

*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