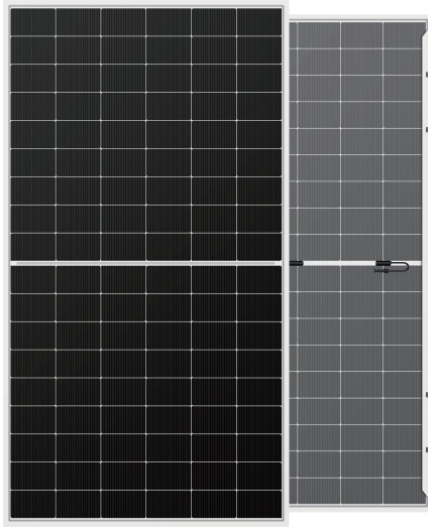


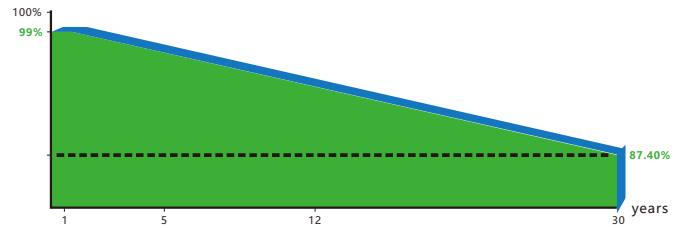


Bifacial Dual Glass Half-cut Mono Topcon





Guaranteed Power Performance


- ▲ 12 Years Product Warranty
- ▲ 30 Years Linear Power Warranty
- ▲ 0.40% 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

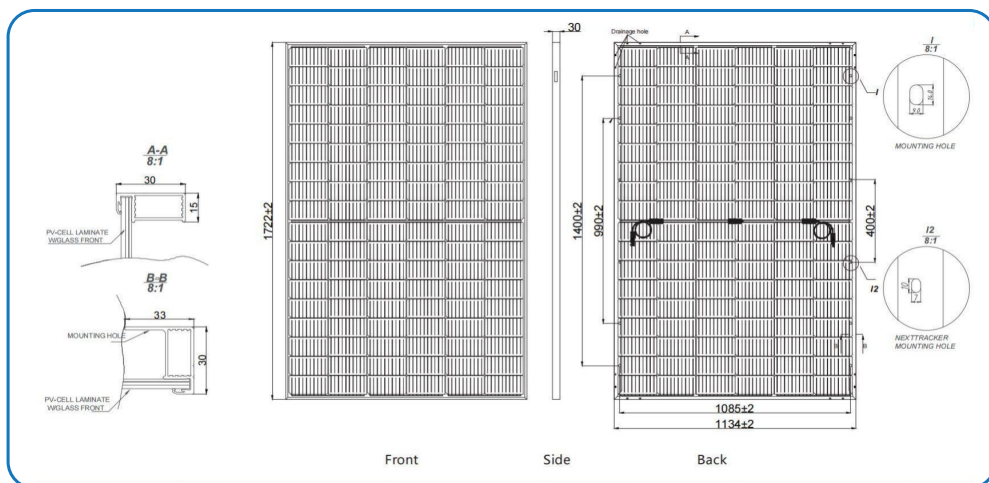
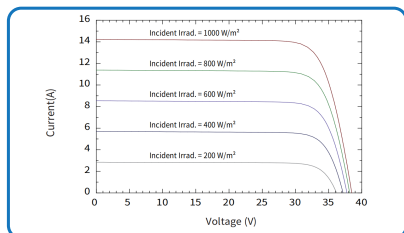
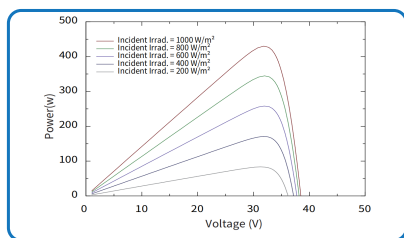
ISO45001:2018: Occupational Health And Safety Management System



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

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I-V Curve



Weight: 24kg **Dimensions:** 1722*1134*30mm

Packaging: 36pcs/pallet, 936pcs/ 40'HQ Container

MECHANICAL CHARACTERISTICS

Cell Type	N type Monocrystalline 182*91mm
No. Of Cells	108 pcs in series (6x18)
Front Glass	2.0mm, Anti-Reflection Coating
Back Glass	2.0mm, Heat Strengthened Glass
Frame	Anodized Aluminium Alloy, silver or black
Junction Box	IP68 ,3Bypass Diodes
Output Cables	300mm in legh 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(IEC)
Maximum Series Fuse Rating	30A
Power Tolerance	0 ~ +3%
Temperature Coefficients Of Pmax	-0.30%/°C
Temperature Coefficients Of Voc	-0.25%/°C
Temperature Coefficients Of Isc	0.046%/°C
Nominal Module Operating Temperature(NMOT)	43±2°C

*Under STC :BACKside Output Ration = Pmax(rear)/Pmax(front) 80%±5%

ELECTRICAL PARAMETERS AT STC

Module Type	JEBD7N54T-AT-425W	JEBD7N54T-AT-430W	JEBD7N54T-AT-435W	JEBD7N54T-AT-440W
Maximum Power(Pmax)	425	430	435	440
Maximum Power Voltage (Vmp)	31.70	31.88	32.06	32.24
Maximum Power Current (Imp)	13.41	13.49	13.57	13.65
Open-Circuit Voltage (Voc)	38.30	38.49	38.68	38.87
Short-Circuit Current (Isc)	14.15	14.23	14.31	14.39
Module Efficiency STC (%)	21.76%	22.02%	22.28%	22.53%

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

ELECTRICAL PARAMETERS AT BSTC**

Maximum Power(Pmax)	470	475	480	485
Maximum Power Voltage (Vmp)	31.70	33.91	32.05	32.23
Maximum Power Current (Imp)	14.83	14.01	14.98	15.05
Open-Circuit Voltage (Voc)	38.30	38.49	38.68	38.87
Short-Circuit Current (Isc)	15.67	15.76	15.81	15.93
Module Efficiency STC (%)	24.07%	24.32%	24.58%	24.84%

*BSTC: Front side irradiation 1000W/m², Back side reflection irradiation 135W/m², AM=1.5, Cell temperature 25°C.

*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