

SHARP®

In step with your future.

Japanese Brand

Maximum Power

720W

Maximum Efficiency

23.18%

Power Tolerance

0~+3%

NB - JE720

Bifacial Mono-Crystalline Half-Cut Photovoltaic Module N-Type



CELL TYPE

N-Type/MBB/Monocrystalline/Half-Cell



HIGH EFFICIENCY, HIGH GENERATION

Based on Monocrystalline silicon wafer and TOPCon cell technology, the power generation efficiency has greatly improved with lower degradation and better temperature coefficient.



EXCELLENT ANTI-PID PERFORMANCE

Cell manufacturing technology optimization and materials control will help reduce PID degradation rate to the minimum

12

YEARS

Product Warranty

30

YEARS

Power Output Warranty



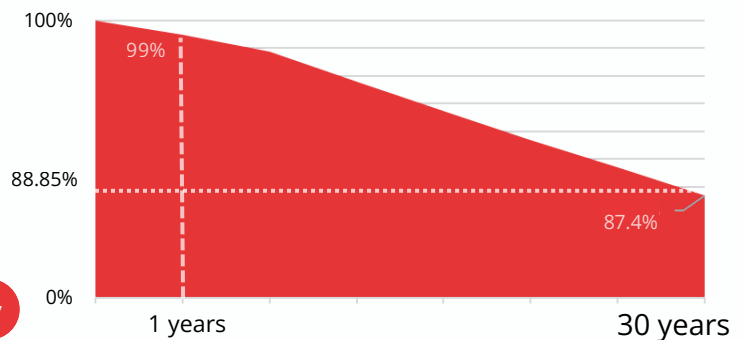
SUPPORT 1500V SYSTEM

Increase the number of system modules in series, reduce overall cost of terminal power plant



STRONG MECHANICAL LOAD CAPACITY

Withstand snow pressure up to 5400Pa on the front face and wind pressure up to 2400Pa on the rear face



CONNECT WITH US



(66) 2-855-8800



info@sssa.sharp-world.com



http://sssa.co.th



www.facebook.com/sharpsolarsolution

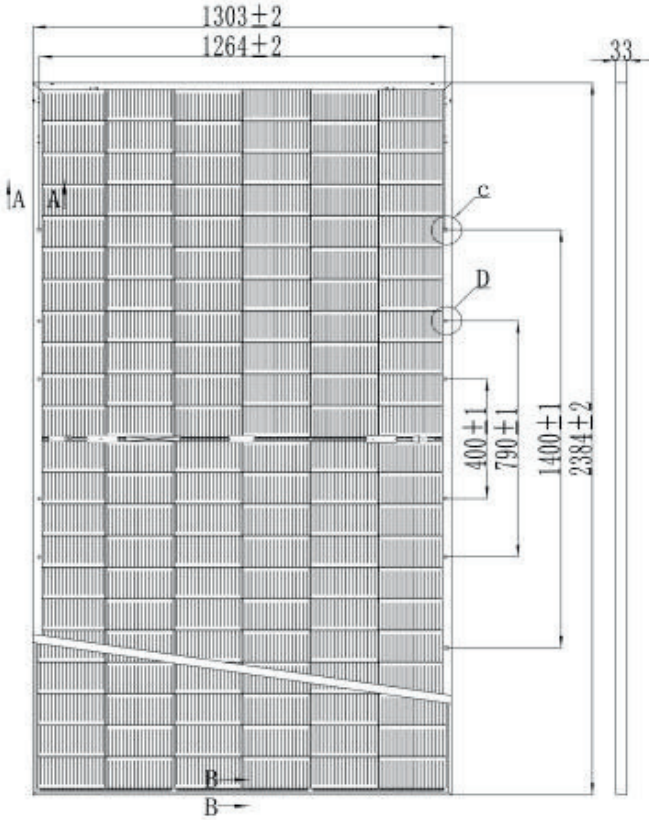
952 RAMALAND BUILDING.

15th FLOOR, RAMA IV ROAD. SURIYAWONG, BANGRAK, BANGKOK 10500 THAILAND

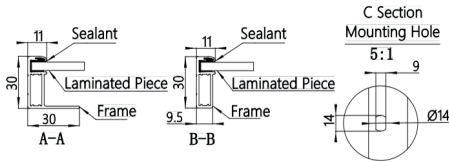


VISIT OUR WEBSITE

NB - JE720



REAR VIEW



MECHANICAL DATA

No. of Cells	132 pcs. 6x11x2 series cells in parallel
Dimension (L x W x D)	2,384 x 1,303 x 33 mm
Weight	37.5 ± 1 kg
Frame	Anodized aluminum alloy
Front Glass	2.0 mm Semi-tempered embossed coated glass
Back Glass	2.0 mm Semi-tempered embossed/high-reflection
Junction Box	Protection IP-rating 68
Cable	4.0 mm ² , 1600±50 mm or customized length
Connector	C1 & MC4

BI-FACIAL MONOCRYSTALLINE

ELECTRICAL DATA (STC*)

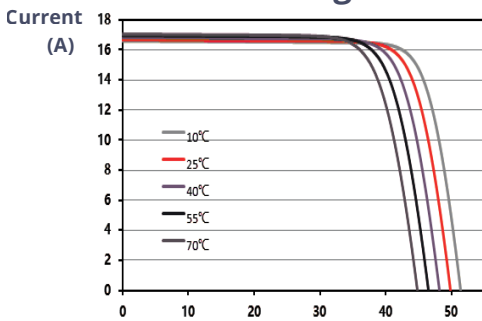
Maximum Power	P _{max}	720	W _p
Tolerance of P _{max}		0 to +3	%
Open-Circuit Voltage	V _{oc}	49.18	V
Short-Circuit Current	I _{sc}	18.63	A
Voltage at Point of Maximum Power	V _{mpp}	40.98	V
Current at Point of Maximum Power	I _{mpp}	17.57	A
Module Efficiency	η _m	23.18	%

BI-FACIAL GENERATION DATA (STC*)

Power Gain Rear Side		5%	15%	25%	
Maximum Power	P _{max}	756.01	828.21	899.92	W _p
Open-Circuit Voltage	V _{oc}	49.18	49.18	49.18	V
Short-Circuit Current	I _{sc}	19.56	21.42	23.29	A
Voltage at Point of Maximum Power	V _{mpp}	40.98	40.98	40.98	V
Current at Point of Maximum Power	I _{mpp}	18.45	20.21	21.96	A

STC = Standard Test Conditions : Irradiance 1,000 W/m², AM 1.5, Cell temperature 25 °C

Current-Voltage Curve



TEMPERATURE CHARACTERISTICS

Cell Operating Temperature	45±2 °C
Temperature coefficient of I _{sc}	0.047%/ °C
Temperature coefficient of V _{oc}	-0.233%/ °C
Temperature coefficient of P _{max}	-0.290%/ °C

PACKING

33 pcs./pallet, 594 pcs./40'HQ

OPERATING CONDITIONS

Maximum System Voltage	1500V for connector C1 1000V for connector MC4	Max Rear Face Static Load (Snow etc)*	5400Pa
Operating Temperature	-40~+85 °C		
Maximum Series Fuse Rating	35A	Max Rear Face Static Load (Wind etc)*	2400Pa

Power-Voltage&Current-Voltage Curve

