

SHARP®

In step with your future.

Japanese Brand

Maximum Power

715W

Maximum Efficiency

23.00%

Power Tolerance

0~+5%

NB - JE715

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



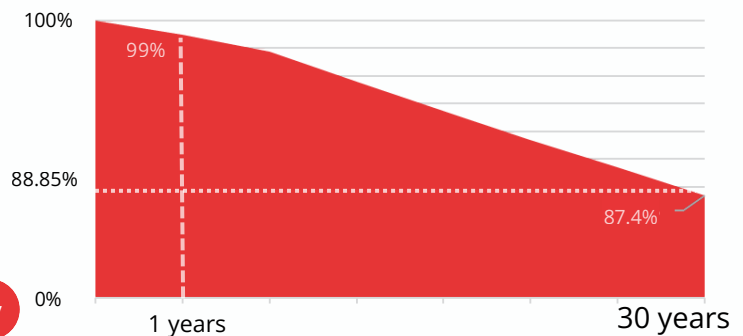
SUPPORT 1500V SYSTEM

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

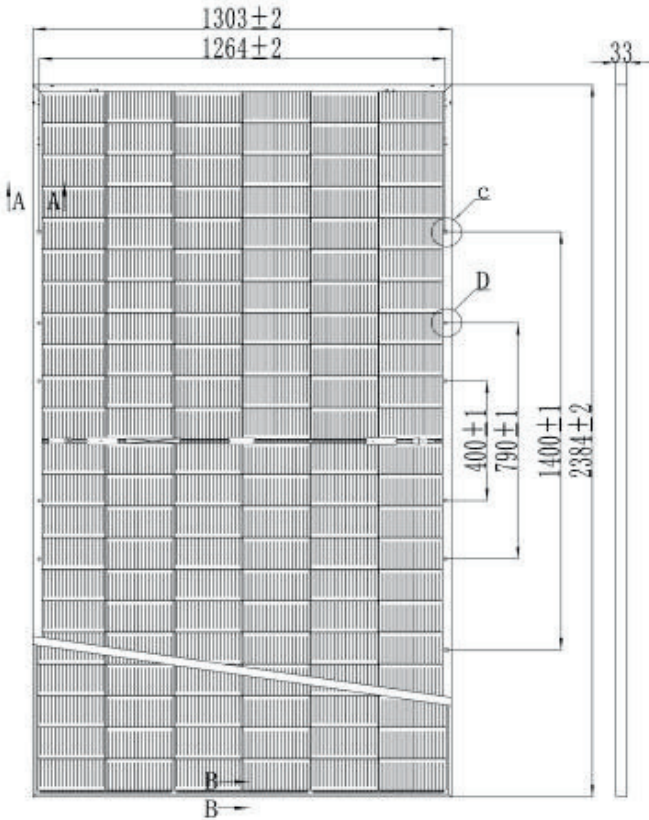
952 RAMALAND BUILDING.

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

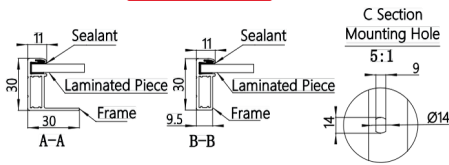


VISIT OUR WEBSITE

NB - JE715



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 ±1kg
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 ; +350mm, -250mm or customized length
Connector	C1 & MC4

BI-FACIAL MONOCRYSTALLINE

ELECTRICAL DATA (STC*)

Maximum Power	Pmax	715	Wp
Tolerance of Pmax		0 to +5	%
Open-Circuit Voltage	Voc	48.98	V
Short-Circuit Current	Isc	18.58	A
Voltage at Point of Maximum Power	Vmpp	40.84	V
Current at Point of Maximum Power	Impp	17.51	A
Module Efficiency	η_m	23.00	%

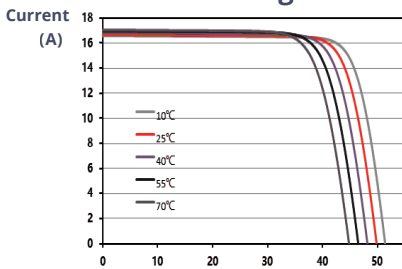
BI-FACIAL GENERATION DATA (STC*)

5% 15% 25%

Power Gain Rear Side					
Maximum Power	Pmax	750.75	822.25	893.75	Wp
Open-Circuit Voltage	Voc	48.98	48.98	48.98	V
Short-Circuit Current	Isc	19.51	18.54	20.15	A
Voltage at Point of Maximum Power	Vmpp	40.56	40.56	40.56	V
Current at Point of Maximum Power	Impp	18.39	20.14	21.89	A

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

Current-Voltage Curve



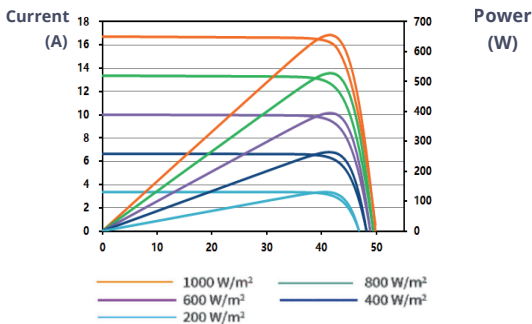
TEMPERATURE CHARACTERISTICS

Cell Operating Temperature	45±2 °C
Temperature coefficient of Isc	0.047%/ °C
Temperature coefficient of Voc	-0.233%/ °C
Temperature coefficient of Pmax	-0.290%/ °C

PACKING

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

Power-Voltage&Current-Voltage Curve



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

