

Walk with Us to a Brighter Tomorrow

Mono PV Module

JS-420NH-SPI72

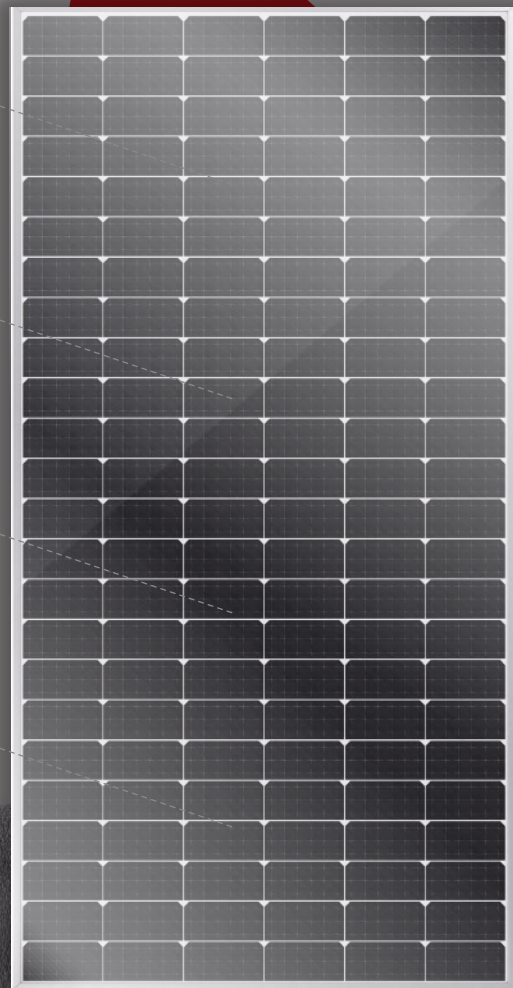
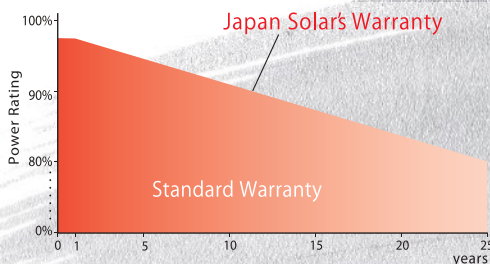
Maximum Power
420W

Module Efficiency
20.50%

Product Warranty
10 years

Linear Performance Warranty
25 years

When the actual power output of the products is less than 97.5% of nominal maximum power output in the first year; or when the loss of output power shall not exceed 0.7% per year, ending with 80.7% in 25th year from the warranty effective date.



Product Specification

Module Type	JS-420NH-SPI72
Maximum System Voltage	1500V / DC
Weight	23.5 kgs
Cell Type	Mono Crystalline Half Cut
Cell Dimensions	162.75 × 81.375 mm
Cells per Module	144 (6 × 24)
Maximum Series Fuse	15 A
Connector Type	MC4 Compatible
Cable Length	300 mm / 4 mm ²
Dimensions	2020 × 1016 × 40 mm
Fire Performance	Class C
Application Class	A
Nominal Operating Cell Temperature (NOCT)	43±2℃

Output Characteristics

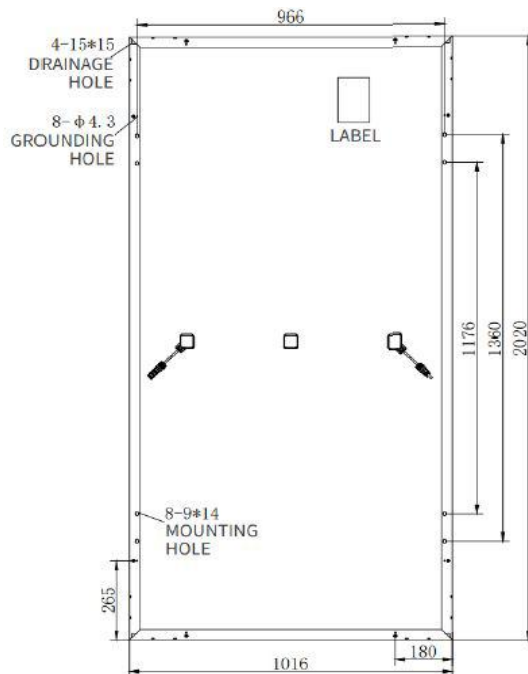
Performance at STC (Positive Power Tolerance 0 ~ +5W)	
Module Type	JS-420NH-SPI72
Maximum Power (Pmax)	420 W
Open Circuit Voltage (Voc)	48.60 V
Maximum Power Voltage (Vmpp)	40.00 V
Short Circuit Current (Isc)	10.84 A
Maximum Power Current (Impp)	10.50 A
Module Efficiency	20.50 %
Current Temperature Coefficient	+0.06%/℃
Voltage Temperature Coefficient	-0.28%/℃
Power Temperature Coefficient	-0.36%/℃

*STC : 1000W/m², 25℃, AM1.5

Operating Conditions

Temperature Range	-40℃ ~ +85℃
Max. Load Capacity	5400Pa
Front Glass	3.2mm High Transmission, Tempered Glass
Hail Test	Max diameter of 25 mm with impact speed of 23 m·s ⁻¹

Dimensions



Certification

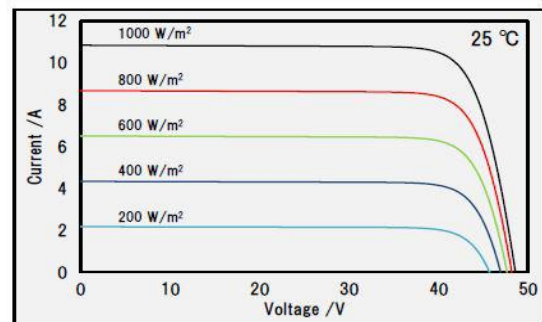
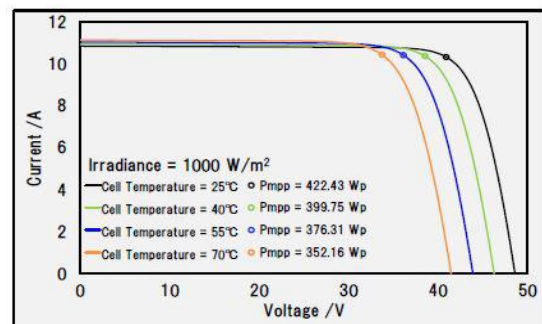


TUV Rheinland
Complied standard:
IEC61215, IEC61730



w/ Mono Half
Cut **MWT**
Solar Cell
Technology

IV-Curves



The above data is for reference.