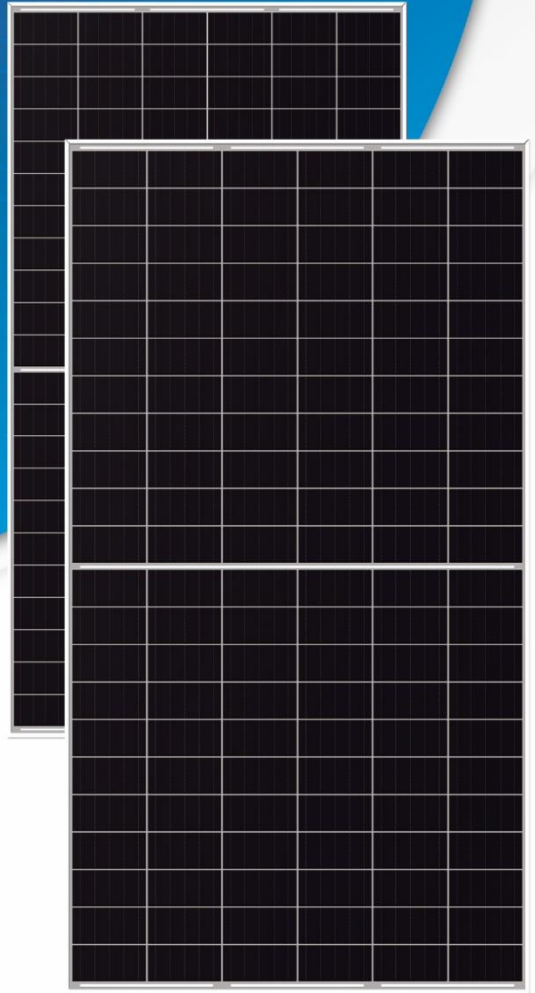


HSxxxUC·HH2 Series

# 345~370W Mono Half-Cut 132 Cells

Those who dream of a better future can help lead to a more meaningful and enriched world. As a leading solar module manufacturer in Korea, we never stop to achieve competitiveness through differentiation, implement the maximum value, and commit to sustainable development with customers.



## I Certificates



### Quality

- ISO 9001:2015
- OHSAS 18001:2007
- ISO 14001:2015
- ISO/TS 16949:2009
- Bankability Tier1 PV module manufacturer



### Product

- IEC 61215 / IEC 61730 : TUV / CE
- UL 1703 Fire Rating Type1
- UL790 Fire Rating Class C
- Assembled in Korea

## I Key Features



25  
years

### Linear Performance Warranty

- 12 Years product warranty
- 25 Years linear performance warranty



5,400Pa

### Certified Durability

- 5,400 Pa snow load
- 2,400 Pa wind load



1500V

### 1,500V

- Designed for UL and IEC 1,500V
- Saving BoS costs

## I Optional Features



### Perfect Black

- Black anodized frame
- Black back sheet
- Black string ribbon



### Floating PV Installation

- Module backside blocks moisture permeability

**Electrical Data / STC (UC-HH2) : Irradiance of 1000W/m<sup>2</sup>, spectrum AM 1.5 and cell temperature of 25 °C**

HSxxxUC-HH2		HS345UC-HH2	HS350UC-HH2	HS355UC-HH2	HS360UC-HH2	HS365UC-HH2	HS370UC-HH2
Nominal Max Power	Pmax(Wp)	345	350	355	360	365	370
Voltage at Pmax	Vmp(V)	37.3	37.5	37.7	37.9	38.1	38.3
Current at Pmax	Imp(A)	9.25	9.34	9.42	9.50	9.59	9.67
Open Circuit Voltage	Voc(V)	44.0	44.2	44.4	44.6	44.8	45.0
Short Circuit Current	Isc(A)	9.75	9.84	9.92	10.00	10.09	10.17
Module Efficiency	%	18.40%	18.67%	18.94%	19.20%	19.47%	19.74%
Operating Temperature		-40 °C ~ +85 °C					
Max. System Voltage		1500 Vdc					
Max. Series Fuse Rating		20A					
Max. Reverse Current		20A					
Power tolerance		-0 ~ +5W					

**Electrical Data / NOCT (UC-HH2) : Irradiance of 800W/m<sup>2</sup>, spectrum AM 1.5 and Ambient Temperature 20 °C, wind speed 1m/s**

		254.6	258.6	262.1	265.7	269.5	273.1
Nominal Max Power	Pmax(Wp)	254.6	258.6	262.1	265.7	269.5	273.1
Voltage at Pmax	Vmp(V)	34.4	34.5	34.7	34.9	35.1	35.2
Current at Pmax	Imp(A)	7.41	7.49	7.55	7.62	7.69	7.75
Open Circuit Voltage	Voc(V)	40.9	41.0	41.2	41.4	41.6	41.8
Short Circuit Current	Isc(A)	7.87	7.94	8.00	8.07	8.14	8.21

**Mechanical Data**

Cell Type	Mono-crystalline, 6 inch
Cell Arrangement	132 Half Cell(6x22)
Dimensions	1856 x 1010 x 35/40mm(73.07 x 39.76 x 1.38/1.57in)
Weight	20.0kg(44.1lbs)/ 20.6kg(45.4lbs)
Stand, Packaging	29pcs/ 26pcs(Vertical)
Module Pieces per Container	696 / 624pcs
Pallets per Container	24
Frame	Anodized aluminum
Front Glass	3.2mm(0.13in) tempered glass
J-Box	IP68, 3 diodes
Output Cable	(+)1000mm(39.37in), (-)1000mm(49.37in), 12AWG
Connectors	QC4.10-35
Module Fire Performance	Type 1

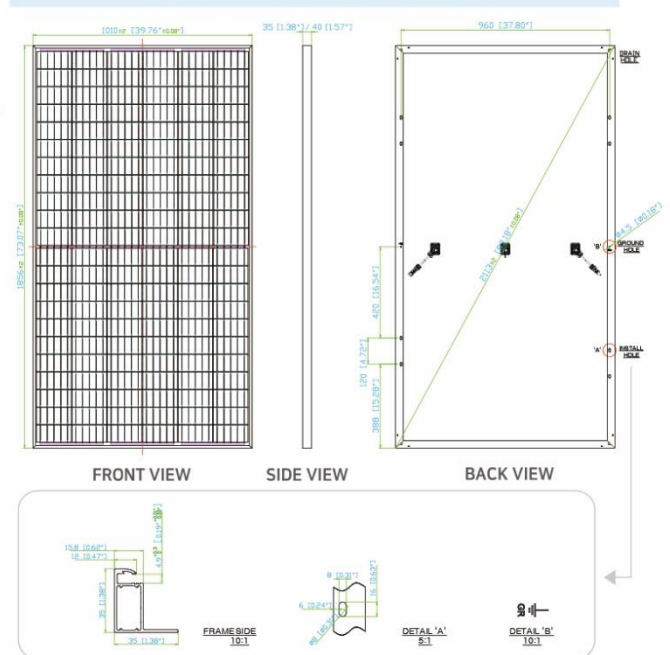
**Warranties**

Product	12 years
Performance	25 years linear power warranty (>82.2%)

**Temperature Characteristics**

Specifications	Data
Temperature coefficient (Pmax)	-0.34
Temperature coefficient (Voc)	-0.27
Temperature coefficient (Isc)	0.04
Normal Operating Cell Temperature	46.7±2°C

**MODULE DIAGRAM unit : mm(inch)**



**I-V Curve according to Irradiance**

