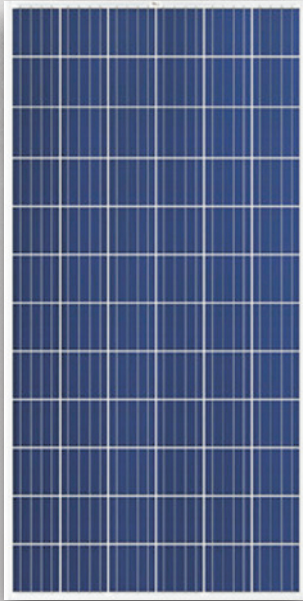


The logo for Herme Energy Technology Co., Ltd. features the word "herme" in a white, lowercase, sans-serif font. A stylized white swoosh or arrow-like shape starts under the 'h' and curves upwards and to the right, ending under the 'e'.

herme

ShangHai Herme Energy Technology Co., Ltd

[www.hermeenergy.com](http://www.hermeenergy.com)



## HE330-72P

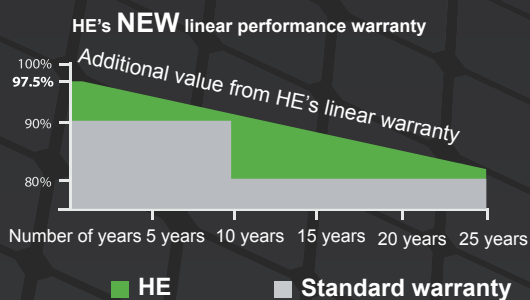
### The Large Scale Project Solution

#### MULTICRYSTALLINE SILICON SOLAR MODULE

HE330-72P    HE325-72P  
 HE320-72P    HE315-72P  
 HE310-72P

### Powerguard Insurance Global Coverage

The power output shall not be less than 97.5% of the minimum power output stated in the product data sheet in the first year of the product's life cycle. The loss of power output shall not exceed 0.7% per year thereafter, ending with 80.7% in the 25th year.



- High output, 17.04% highest conversion efficiency;
- Cost – effective;
- Performance temperature coefficient is better with multi - crystalline cells, as the multi-crystalline cells heat up more slowly than mono-crystalline;
- Longevity and durability;
- Good temperature coefficient enables better output in hot climates;
- Certificated to withstand wind (2400 Pa) and snow loads (5400 Pa);
- Passed salt mist & ammonia corrosion, blowing sand hail testing;
- Modules manufactured in compliance with international quality standards and quality management systems ISO9001;
- Easy installation and handling for various applications;
- Global distribution with local warehousing, delivery and after sales services.

### 10 Years

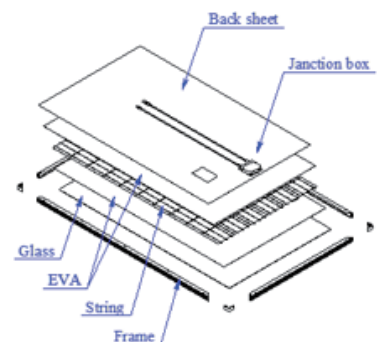
Manufacturing Warranty

### 10 Years

90% Power Output Warranty

### 25 Years

80% Power Output Warranty



## Electrical Characteristics at Standard Test Conditions (STC)

Module Type	HE 330-72P	HE 325-72P	HE 320-72pP	HE 315-72P	HE 310-72P
Maximum Power - P <sub>mpp</sub> (W)	330	325	320	315	310
Positive Power Tolerance	0~3%	0~3%	0~3%	0~3%	0~3%
Open Circuit Voltage - Voc (V)	45.3	45.1	45	44.9	44.8
Short Circuit Current - Isc (A)	9.31	9.24	9.17	9.11	9.03
Maximum Power Voltage - V <sub>mpp</sub> (V)	36.4	36.3	36.2	36.1	36
Maximum Power Current - I <sub>mpp</sub> (A)	9.08	8.96	8.84	8.73	8.61
Module Efficiency	17.04%	16.78%	16.52%	16.27%	16.01%

Standard test conditions (STC): irradiance 1000W/m<sup>2</sup>; AM 1.5G; cell temperature 25°C. Measuring uncertainty of power is within ±3%.  
Certified in accordance with IEC 61215, IEC 61730-1/2 and UL 1703.

## Electrical Characteristics at Nominal Operating Cell Temperature (NOCT)

Module Type	HE 330-72P	HE 325-72P	HE 320-72P	HE 315-72P	HE 310-72P
Maximum Power - P <sub>mpp</sub> (W)	243	239	235	232	228
Maximum Power Voltage - V <sub>mpp</sub> (V)	34.3	34.2	34.1	33.8	33.5
Maximum Power Current - I <sub>mpp</sub> (A)	7.07	6.99	6.89	6.86	6.80
Open Circuit Voltage - Voc (V)	41.9	41.7	41.6	41.5	41.4
Short Circuit Current - Isc (A)	7.49	7.45	7.40	7.34	7.30

Nominal operating cell temperature (NOCT): irradiance 800W/m<sup>2</sup>; wind speed 1 m/s; module temperature 45°C; ambient temperature 20°C.  
Measuring uncertainty of power is within ±3%. Certified in accordance with IEC 61215, IEC 61730-1/2 and UL 1703.

## Temperature Characteristics

Voltage Temperature Coefficient	-0.292%/K
Current Temperature Coefficient	+0.045%/K
Power Temperature Coefficient	-0.408%/K

## Maximum Ratings

Maximum System Voltage (V)	1500
Series Fuse Rating (A)	20
Reverse Current Overload (A)	27

## Mechanical Characteristics

Dimensions (L*W*H)	1956 x 992 x 40 mm
Weight	22.1 kg
Frame	Anodized aluminum profile
Front Glass	Toughened low iron glass, 3.2 mm
Cell Encapsulation	EVA (Ethylene-Vinyl-Acetate)
Back Sheet	Composite film
Cells	6*12 pieces polycrystalline solar cells series strings (156*156mm)
Junction Box	Rated current ≥ 12A, IP ≥ 65, TUV & UL
Cable	Length 900 mm, 1x4 mm <sup>2</sup>
Connector	Compatible with MC 4

## Packaging

Dimensions (L*W*H)	2015 x 1170 x 1137 mm
Container 20'	260 pcs
Container 40'HC	672 pcs

## System Design

Temp. Range	-40°C to +85°C
Hail	Max. diameter of 25mm with impact speed of 23m/s
Max. Capacity	Snow 5400 Pa, wind 2400 Pa
Application Class	A
Safety Class	II

## Dimensions

