

The logo for Herme Energy Technology Co., Ltd. features the word "herme" in a white, lowercase, sans-serif font. A stylized white swoosh or underline is positioned under the "h" and "e", extending across the letters. The background is a solid green color with a subtle, lighter green curved shape behind the text.

ShangHai Herme Energy Technology Co., Ltd

www.hermeenergy.com



hierme

HE275-60P

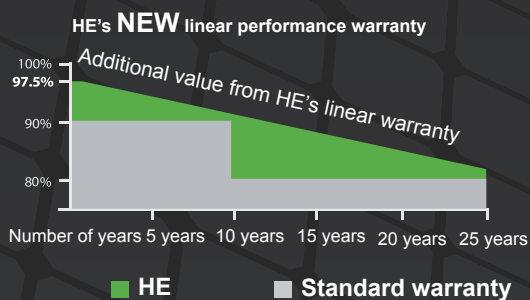
Standard PV Project Solution

MULTICRYSTALLINE SILICON SOLAR MODULE

HE275-60P HE270-60P
HE265-60P HE260-60P

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, 16.94% 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

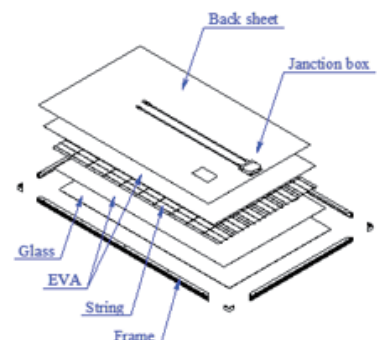
Manufacturing Warranty

10 Years

90% Power Output Warranty

25 Years

80% Power Output Warranty



ISO 9001
14001



Electrical Characteristics at Standard Test Conditions (STC)

Module Type	HE 275-60P	HE 270-60P	HE 265-60P	HE 260-60P
Maximum Power - Pmax (W)	275	270	265	260
Positive Power Tolerance	0~3%	0~3%	0~3%	0~3%
Open Circuit Voltage - Voc (V)	38.4	38.3	38.2	38.1
Short Circuit Current - Isc (A)	9.27	9.19	9.10	9.01
Maximum Power Voltage - Vmpp (V)	31.3	31.2	31.0	30.9
Maximum Power Current - Imp (A)	8.79	8.67	8.55	8.43
Module Efficiency	16.94%	16.63%	16.32%	16.01%

Electrical data relates to standard test conditions (STC): irradiance 1000W/m²; AM 1.5G; cell temperature 25°C. Measuring uncertainty of power is within ±3%. Certified in accordance with IEC61215, IEC61730-1/2 and UL 1703.

Electrical Characteristics at Nominal Operating Cell Temperature (NOCT)

Module Type	HE 275-60P	HE 270-60P	HE 265-60P	HE 260-60P
Maximum Power - Pmax (W)	204	200	196	191
Maximum Power Voltage - Vmpp (V)	29.2	28.9	28.6	28.4
Maximum Power Current - Imp (A)	7.00	6.92	6.83	6.75
Open Circuit Voltage - Voc (V)	35.8	35.6	35.5	35.4
Short Circuit Current - Isc (A)	7.48	7.42	7.35	7.27

Electrical data relates to nominal operating cell temperature (NOCT): irradiance 800W/m²; wind speed 1 m/s; ambient temperature 20°C. Measuring uncertainty of power is within ±3%. Certified in accordance with IEC61215, IEC61730-1/2 and UL 1703.

Temperature Characteristics

Voltage Temperature Coefficient	-0.292%/K
Current Temperature Coefficient	+0.045%/K
Power Temperature Coefficient	-0.408%/K
Normal Operating Cell Temperature	45°C (±2 °C)

Maximum Ratings

Maximum System Voltage (V)	1500
Series Fuse Rating (A)	20

Mechanical Characteristics

Dimensions (L*W*H)	1640 x 992 x 35 mm
Weight	18.3 kg
Frame	Anodized aluminum profile
Front Glass	White toughened safety glass, 3.2 mm
Cell Encapsulation	EVA (Ethylene-Vinyl-Acetate)
Back Sheet	Composite film
Cells	6*10 pieces polycrystalline solar cells series strings (156*156mm)
Junction Box	Rated current ≥ 13A, IP ≥ 67, TUV & UL
Cable	Length 900 mm, 1x4 mm ²
Connector	Compatible with MC4

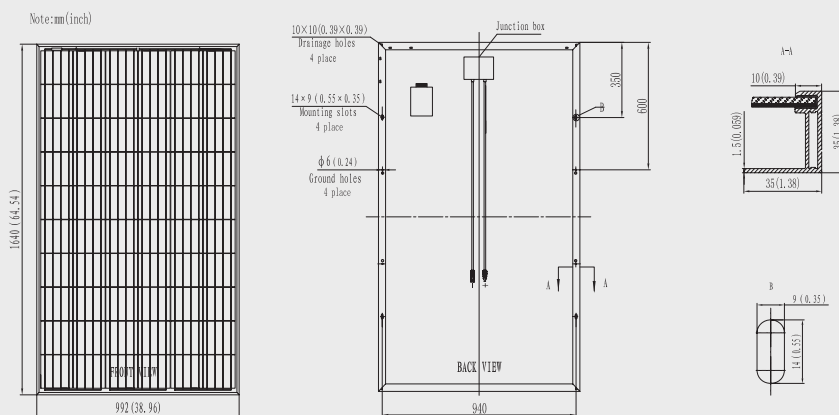
Packaging

Dimensions (L*W*H)	1700 x 1140 x 1137
Container 20'	360 pcs
Container 40'HC	896 pcs

System Design

Temp. Range	-40°C to + 85°C
Hail	Max. diameter of 25mm with impact speed of 23m/s-1
Max. Capacity	Snow 5400 Pa, wind 2400 Pa
Application Class	A
Safety Class	II

Dimensions



IV-Curves

