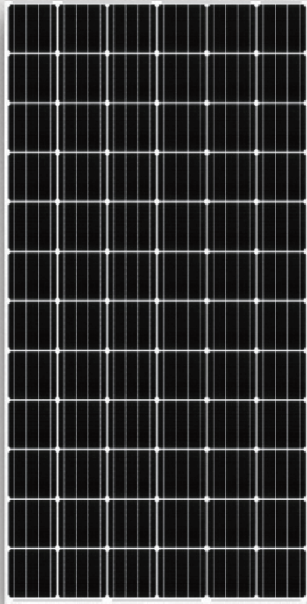


The logo for Herme Energy Technology Co., Ltd. features the word "herme" in a white, lowercase, sans-serif font. A stylized white swoosh or underline is positioned under the 'h' and extends towards the 'e'.

herme

ShangHai Herme Energy Technology Co., Ltd

www.hermeenergy.com



HE355-72M

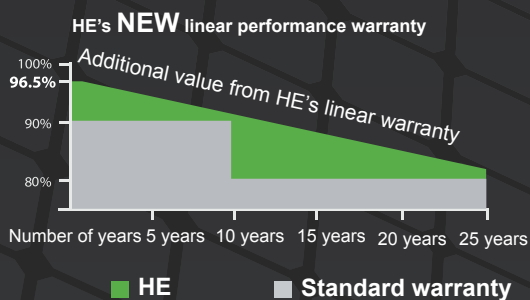
High Efficiency PERC Technology for Esthetic Applications

MONOCRYSTALLINE SILICON MODULE

HE355-72M HE350-72M
HE345-72M

Powerguard Insurance Global Coverage

The power output shall not be less than 96.5% 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, 18.33% highest conversion efficiency;
- Space – efficient due to the higher power outputs generated, these modules require less space;
- Longevity and durability;
- Good performance at low levels of radiation and high ambient temperature;
- 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

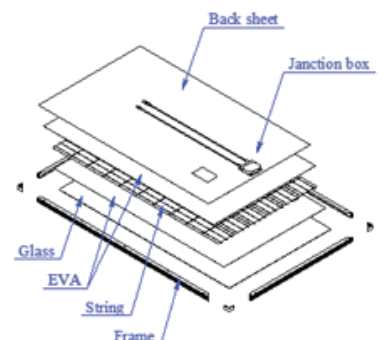
Manufacturing Warranty

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 355-72M	HE 350-72M	HE 345-72M
Maximum Power - Pmax (W)	355	350	345
Positive Power Tolerance	0~3%	0~3%	0~3%
Open Circuit Voltage - Voc (V)	47.1	46.9	46.7
Short Circuit Current - Isc (A)	9.57	9.49	9.38
Maximum Power Voltage - Vmpp (V)	38.4	38.2	38.0
Maximum Power Current - Imp (A)	9.24	9.17	9.09
Module Efficiency	18.33%	18.07%	17.40%

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 355-72M	HE 350-72M	HE 345-72M
Maximum Power - Pmax (W)	265	256	252
Open Circuit Voltage - Voc (V)	44.0	43.2	43.0
Short Circuit Current - Isc (A)	7.73	7.76	7.68
Maximum Power Voltage - Vmpp (V)	36.5	35.2	35.0
Maximum Power Current - Imp (A)	7.26	7.28	7.20

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	-0.307%/K
Current Temperature Coefficient	+0.039%/K
Power Temperature Coefficient	-0.423%/K
NOCT	45 ± 2°C

Maximum Ratings

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

Mechanical Characteristics

Dimensions (L*W*H)	1956 x 992 x 40 mm
Weight	22.1 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*12 pieces monocrystalline 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 MC 4

Packaging

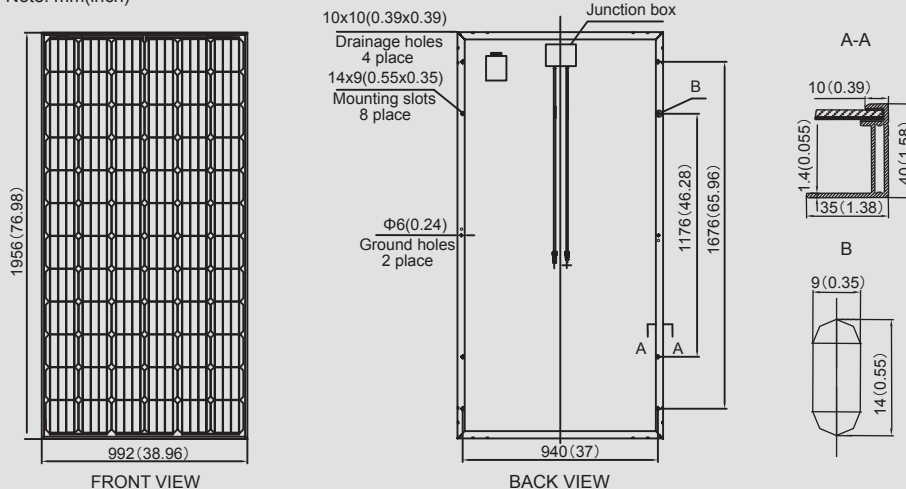
Dimensions (L*W*H)	2015 x 1170 x 1137 mm
Container 20'	260 pcs
Container 40'HC	672 pcs

System Design

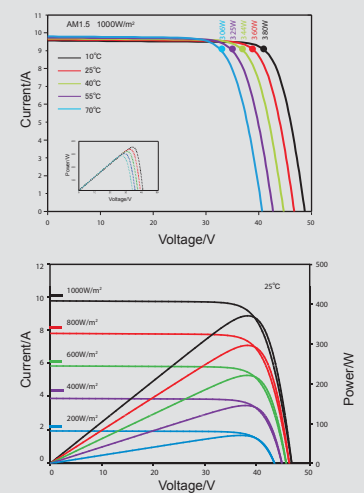
Temp. Range	-40°C to + 85°C
Hail	Max. diameter of 25mm with impact speed of 23m/s
Max. Capacity	Snow 5400 Pa, wind 2400 Pa
Application Class	A
Safety Class	II

Dimensions

Note: mm(inch)



IV-Curves



Excellent performance under weak light condition.