



HES-315M-MC

Product Material & Workmanship

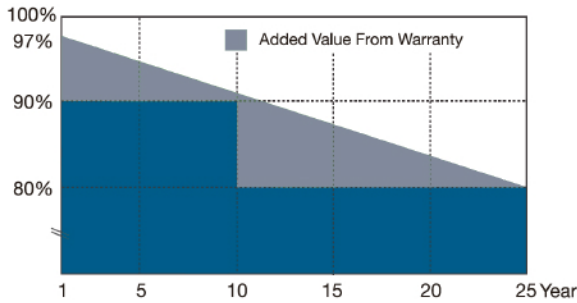
10

Year Warranty

Linear Performance

25

Year Warranty



Advanced processing techniques realize greater module efficiency to a maximum of 18.88%, steady power output guaranteed



0~+5W Positive tolerance delivers higher output reliability



Excellent performance even under low-light settings, such as dawn, dusk, and cloudy days

PID

Advanced cell technology and qualified materials lead to high resistance to PID



Excellent mechanical load resistance: wind loads (2400Pa) & snow loads (5400Pa)



Reliable quality leads to a better sustainability even in harsh environments



ELECTRICAL CHARACTERISTICS

Max Power (Pmax)	315 W
Tolerance of (Pmax)	[+0 ~ 5W]
Cell Configuration	60 in series
Open Circuit Voltage (Voc)	40.7 V
Maximum Power Voltage (Vpm)	33.2 V
Short Circuit Current (Isc)	10.04 A
Maximum Power Current (Ipm)	9.49 A
Maximum (DC) Voltage	1000 VDC
Series Fuse Rating	20 A
NOCT	45°C ±2
Temperature Coefficient (Pmax)	-0.37%/C
Temperature Coefficient (Voc)	-0.28%/C
Temperature Coefficient (Isc)	+0.048%/C

STC - Standard Test Conditions: Irradiation 1000 W/m² - Air mass AM 1.5 - Cell temperature 25 °C
 * Calculated using maximum power based on full positive output tolerance [0 ~5%]

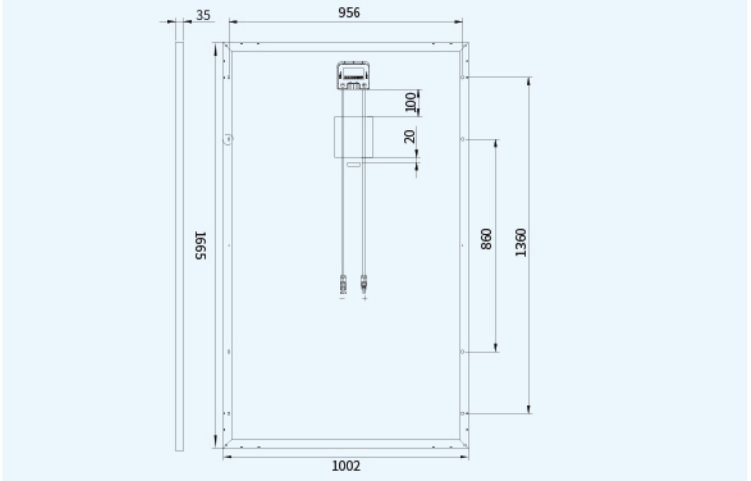
MECHANICAL CHARACTERISTICS

Dimensions (W x H x D)	39.5" x 65.5" x 1.38" 1002 x 1665 x 35 mm
Output Interconnect Cable	MC4 Brand
Weight	18.2 kg / 40.12 lbs
Max Wind Load / Snow Load	2400Pa / 5400Pa
Operating Temperature	-40 to 85° C -40 to 185°F
Application Class	Class A
Fire Resistance Rating	Class C

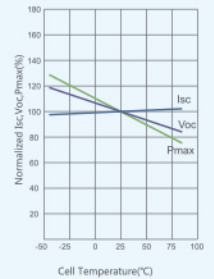
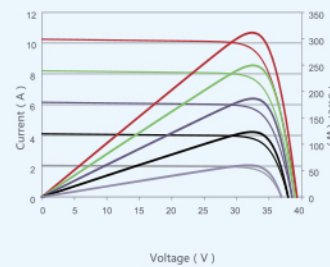
CERTIFICATIONS



DIMENSIONS



IV CURVES



LINEAR WARRANTY

No more than 3% peak power degradation in 1st Year
 No more than 7% peak power degradation in coming 24 years
 Free from defects of materials and workmanship for 10 years

