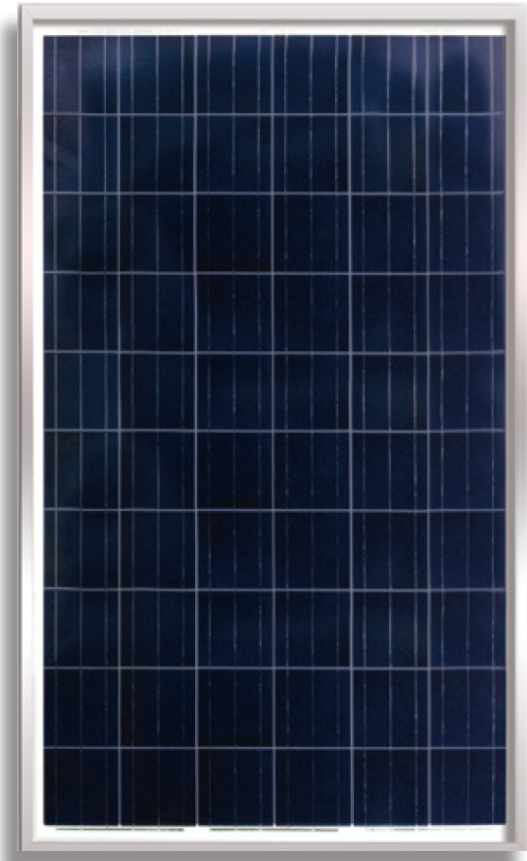




HES-305-72P // 305 Wp // 72-Cell Poly-Crystalline Solar Module



www.hespv.ca



POWER EXCELLENCE

The HES-305-72 module guarantees a positive output tolerance on every module from [0 ~ 3%]

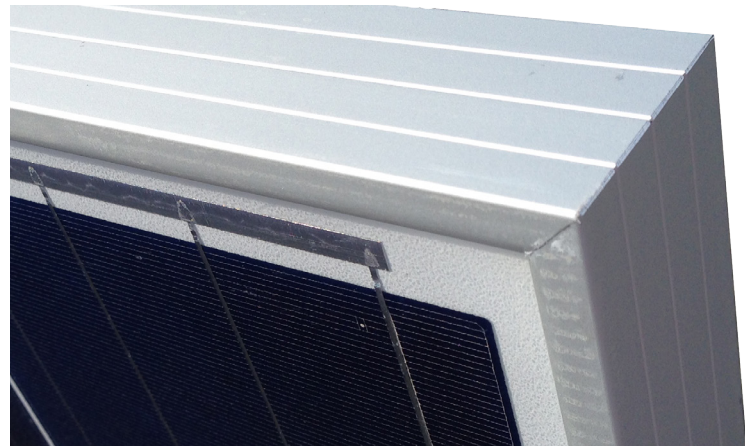
HIGH-QUALITY COMPONENTS

HES modules are made by a Tier 1 global manufacturer, offer superior efficiency, & stringent quality control.

RELIABLE

25 Year Linear Performance Guarantee
10 Year limited warranty on material & workmanship.

HES-305-72P solar modules are made using only the highest quality poly-crystalline solar cells, designed and manufactured by industry leading suppliers. High transmission glass is used to take advantage of increased light diffusion and snow-shedding abilities. Finally, anodized aluminum frame creates a rigid body to support the module in any application, residential/commercial rooftop to utility scale ground mount, and tracking systems.



CONTACT YOUR HES PV SOLAR PROVIDER TODAY



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HES-305-72P // 305 Wp // 72-Cell Poly-Crystalline Solar Module

ELECTRICAL CHARACTERISTICS

Max Power (Pmax)	305 W
Tolerance of (Pmax)	[0 ~ 3%]
Type of Cell	Poly-Crystalline
Cell Configuration	72 in series
Open Circuit Voltage (Voc)	44.7 V
Maximum Power Voltage (Vpm)	35.9 V
Short Circuit Current (Isc)	8.97 A
Maximum Power Current (Ipm)	8.5 A
Module Efficiency *	15.751%
Maximum (DC) Voltage	1000 VDC
Series Fuse Rating	20 A
NOCT	45°C ±3
Temperature Coefficient (Pmax)	-0.408%/C
Temperature Coefficient (Voc)	-0.292%/C
Temperature Coefficient (Isc)	+0.045%/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] Wp

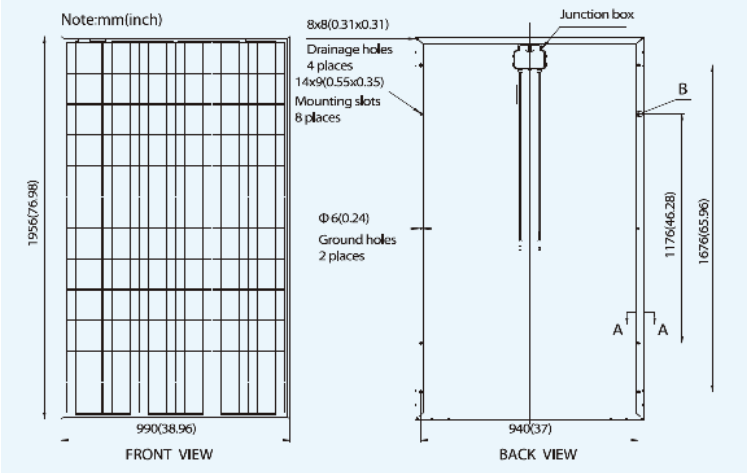
MECHANICAL CHARACTERISTICS

Dimensions (H x W x D)	77" x 39" x 2" 1959 x 990 x 50 mm
Output Interconnect Cable	MC4 type connectors
Weight	23.8 kg / 52.5 lbs
Max Wind Load / Snow Load	2400Pa / 5400Pa
Operating Temperature	-40 to 85° C -40 to 185°F

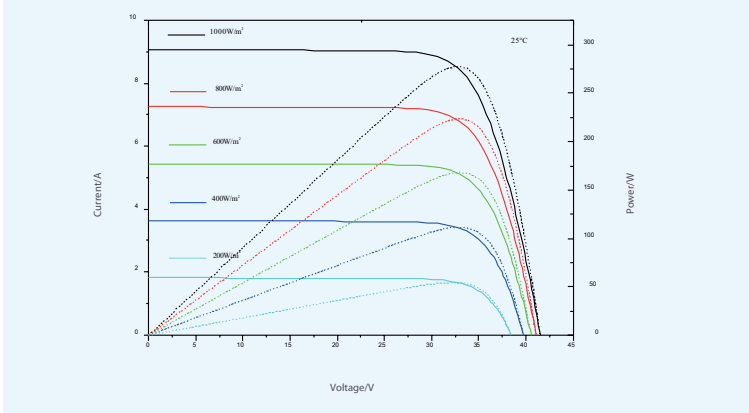
LINEAR WARRANTY

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

DIMENSIONS



IV CURVES



CERTIFICATIONS



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