

HS72-P-[325-390W]

POLY-CRYSTALLINE MODULE



HERSHEY POWER

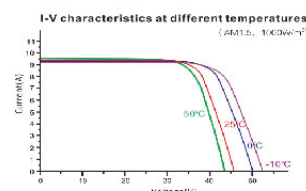
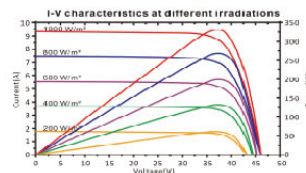
- Industry leading lowest thermal co-efficient of power
- Industry leading 12 years product warranty
- Excellent low irradiance performance
- Excellent PID resistance
- Positive tight power tolerance
- Dual stage 100% EL Inspection warranting defect-free product
- Module Imp binning radically reduces string mismatch losses
- Warranted reliability and stringent quality assurances well beyond certified requirements
- Certified to withstand severe environmental conditions
 - Anti-reflective & anti-soiling surface minimise power loss from dirt and dust
 - Severe salt mist, ammonia & blown sand resistance, for seaside, farm and desert environments
 - Excellent mechanical load 2400Pa & snow load 5400Pa resistance



ELECTRICAL DATA (STC)

Model Number	HS72-P-325	HS72-P-330	HS72-P-335	HS72-P-340	HS72-P-345	HS72-P-375	HS72-P-380	HS72-P-385	HS72-P-390
Rated Power in Watts-Pmax(Wp)	325	330	335	340	345	375	380	385	390
Open Circuit Voltage-Voc(V)	45.5	45.7	45.9	46.1	46.3	48.60	48.95	49.35	49.70
Short Circuit Current-Isc(A)	9.2	9.3	9.4	9.5	9.6	9.95	10.00	10.05	10.10
Maximum Power Voltage-Vmpp(V)	37.4	37.55	37.65	37.8	37.95	39.95	40.25	40.55	40.85
Maximum Power Current-Impp(A)	8.7	8.8	8.9	9	9.1	9.40	9.45	9.50	9.55
Module Efficiency (%)	16.7	17	17.3	17.5	17.8	19.05%	19.30%	19.54%	19.79%

@STC (1000W/m², AM1.5, Cell Temp. 25°C) Voc tolerance ±3% Isc tolerance ±4%



MECHANICAL DATA

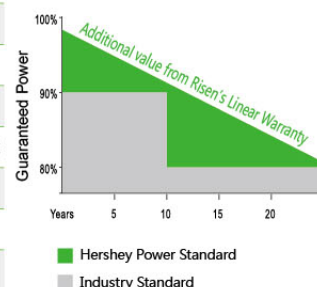
Solar cells	Polycrystalline, 5BB
Cell configuration	72 cells (6x12)
Weight	22kg
Superstrate	3.2 mm, High Transmission, Low Iron, Tempered ARC Glass
Substrate	White Back-sheet
Frame	Anodized Aluminium Alloy, Silver Color
J-Box	Potted, IP68, 1500VDC, 3 Schottky bypass diodes
Cables	4.0mm ² (12AWG), 1000mm length
Connector	IP67/IP68

TEMPERATURE & MAXIMUM RATINGS

Nominal Module Operating Temperature (NMOT)	45°C±2°C
Temperature Coefficient of Voc	-0.32%/°C
Temperature Coefficient of Isc	0.055%/°C
Temperature Coefficient of Pmax	-0.39%/°C
Operational Temperature	-40°C~+85°C
Maximum System Voltage	1500VDC
Max Series Fuse Rating	20A
Limiting Reverse Current	20A

LINEAR PERFORMANCE WARRANTY

12year Product Warranty/25year Linear Power Warranty



CHANGZHOU HERSHEY-POWER NEW ENERGY CO.,LTD

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HS72-PB-[325-390W]

POLY-CRYSTALLINE BIFACIAL MODULE



HERSHEY POWER

- Bifacial** Bifacial technology enables additional energy harvesting from rear side(up to 25%)
- Industry leading lowest thermal co-efficient of power**
- Industry leading 12 years product warranty**
- Excellent low irradiance performance**
- Excellent PID resistance**
- Positive tight power tolerance**
- Dual stage 100% EL Inspection warranting defect-free product**
- Module Imp binning radically reduces string mismatch losses**
- Warranted reliability and stringent quality assurances well beyond certified requirements**
- Certified to withstand severe environmental conditions**
 - Anti-reflective & anti-soiling surface minimise power loss from dirt and dust
 - Severe salt mist, ammonia & blown sand resistance, for seaside, farm and desert environments
 - Excellent mechanical load 2400Pa & snow load 5400Pa resistance



ELECTRICAL DATA (STC)

Model Number	HS72-P-325	HS72-P-330	HS72-P-335	HS72-P-340	HS72-P-345	HS72-P-375	HS72-P-380	HS72-P-385	HS72-P-390
Rated Power in Watts-Pmax(Wp)	325	330	335	340	345	375	380	385	390
Open Circuit Voltage-Voc(V)	45.50	45.70	45.90	46.10	46.30	48.60	48.95	49.35	49.70
Short Circuit Current-Isc(A)	9.20	9.30	9.40	9.50	9.60	9.95	10.00	10.05	10.10
Maximum Power Voltage-Vmpp(V)	37.40	37.55	37.65	37.80	37.95	39.95	40.25	40.55	40.85
Maximum Power Current-Impp(A)	8.70	8.80	8.90	9.00	9.10	9.40	9.45	9.50	9.55
Module Efficiency (%)	16.60%	16.90%	17.20%	17.40%	17.70%	19.05%	19.30%	19.54%	19.79%

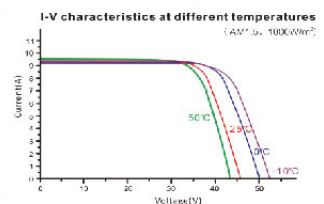
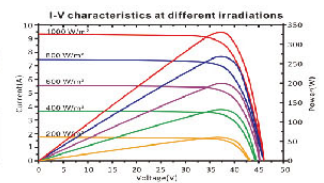
@STC (1000W/m², AM1.5, Cell Temp. 25°C) Voc tolerance ±3% Isc tolerance ±4%
Bifacial factor: 75%±5%

MECHANICAL DATA

Solar cells	Polycrystalline, 5BB
Cell configuration	72 cells (6x12)
Weight	27.5kg
Superstrate	2.0mm, High Transmission, Low Iron, Tempered ARC Glass
Substrate	2.0mm.Tempered Glass
Frame	Anodized Aluminium Alloy, Silver Color
J-Box	Potted, IP68,1500VDC, 3 Schottky bypass diodes
Cables	4.0mm ² (12AWG), 1000mm length
Connector	IP67/IP68

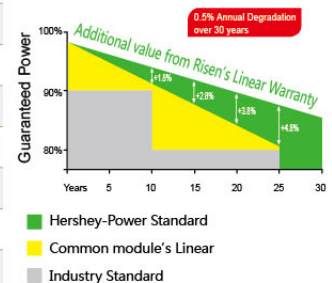
TEMPERATURE & MAXIMUM RATINGS

Nominal Module Operating Temperature (NMOT)	45°C±2°C
Temperature Coefficient of Voc	-0.29% /°C
Temperature Coefficient of Isc	0.05%/°C
Temperature Coefficient of Pmax	-0.39%/°C
Operational Temperature	-40°C~+85°C
Maximum System Voltage	1500VDC
Max Series Fuse Rating	20A
Limiting Reverse Current	20A



LINEAR PERFORMANCE WARRANTY

12year Product Warranty/30year Linear Power Warranty



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