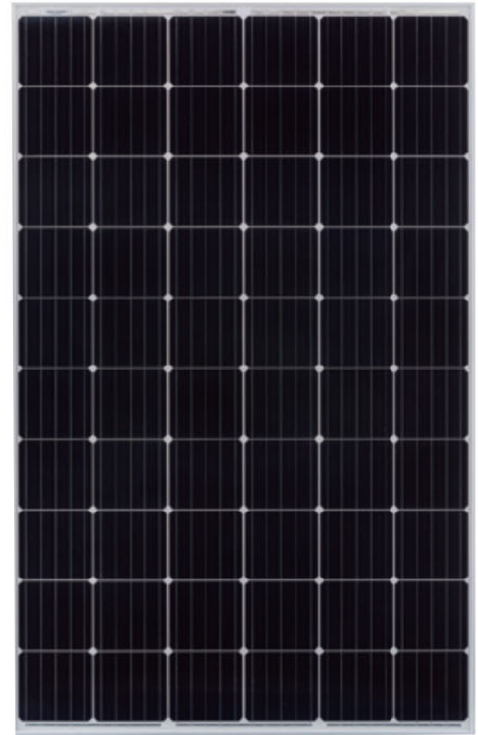












HS60-MB-[295-335W]

MONO-CRYSTALLINE BIFACIAL MODULE



HERSHEY POWER



-  **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	HS60-MB-295	HS60-MB-300	HS60-MB-305	HS60-MB-310	HS60-MB-315	HS60-MB-320	HS60-MB-325	HS60-MB-330	HS60-MB-335
Rated Power in Watts-Pmax(Wp)	295	300	305	310	315	320	325	330	335
Open Circuit Voltage-Voc(V)	38.80	39.10	39.40	39.80	40.10	40.5	40.8	41.1	41.4
Short Circuit Current-Isc(A)	9.70	9.75	9.80	9.85	9.90	9.95	10	10.05	10.1
Maximum Power Voltage-Vmpp(V)	32.25	32.65	33.00	33.35	33.70	34.05	34.4	34.75	35.1
Maximum Power Current-Imp(A)	9.15	9.20	9.25	9.30	9.35	9.4	9.45	9.5	9.55
Module Efficiency (%)	17.80%	18.10%	18.40%	18.70%	19.00%	19.39%	19.70%	20.00%	20.31%

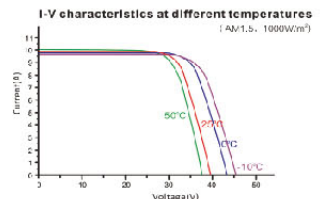
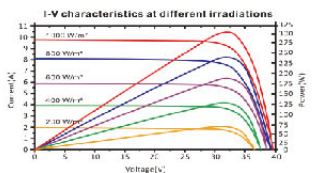
@STC (1000W/m², AM1.5, Cell Temp. 25°C) Voc tolerance ±3% Isc tolerance ±4%
Bifacial factor: 75%±5%

MECHANICAL DATA

Solar cells	Monocrystalline, 5BB
Cell configuration	60 cells (6x10)
Weight	23kg
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

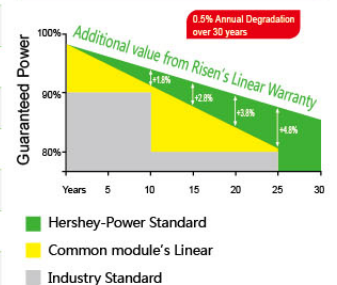
TEMPERATURE & MAXIMUM RATINGS

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



CHANGZHOU HERSHEY-POWER NEW ENERGY CO.,LTD

Head office: Room 2407, Unit B, Tianning Times Square, Changzhou, China

Plant address: NO.101, East Guangdian Rd, Hutang Industrial Park, Changzhou, China

Web site: www.hershey-power.com Email: sales@hershey-power.com