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Solar Panel Guide Specification Data Sheet











**Changzhou Hershey-Power New Energy Co., Ltd.
HS72-MB 360-400W Bifacial
HS72-MB 390**

Also available on the web at
EnergyPal.com/changzhou-hershey-power-new-energy-co-ltd-solar-panels/hs72-mb-390

HS72-MB-[360-400W]

MONO-CRYSTALLINE BIFACIAL MODULE



-  **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-MB-360	HS72-MB-365	HS72-MB-370	HS72-MB-375	HS72-MB-380	HS72-M-385	HS72-M-390	HS72-M-395	HS72-M-400
Rated Power in Watts-Pmax(Wp)	360	365	370	375	380	385	390	395	400
Open Circuit Voltage-Voc(V)	47.3	47.7	48.15	48.6	48.95	49.35	49.70	50.10	50.45
Short Circuit Current-Isc(A)	9.8	9.85	9.9	9.95	10	10.05	10.10	10.15	10.20
Maximum Power Voltage-Vmpp(V)	38.95	39.25	39.6	39.95	40.25	40.55	40.85	41.20	41.50
Maximum Power Current-Impp(A)	9.25	9.3	9.35	9.4	9.45	9.50	9.55	9.60	9.65
Module Efficiency (%)	18.40%	18.70%	19.00%	19.20%	19.50%	19.54%	19.79%	20.07%	20.32%

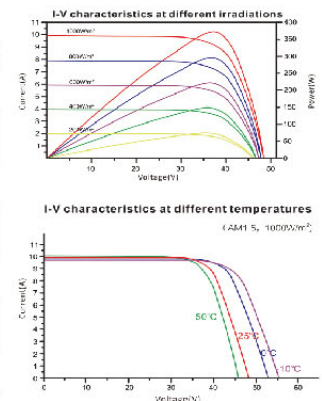
@STC (1000W/m², AM1.5, Cell Temp. 25°C) Voc tolerance ±3% Isc tolerance ±4%
Bifacial factor: 75%±5%

MECHANICAL DATA

Solar cells	Monocrystalline, 5BB
Cell configuration	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

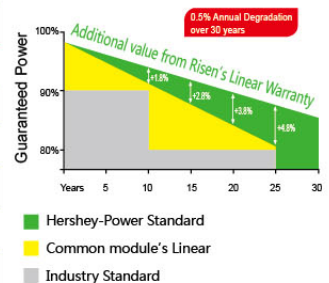
TEMPERATURE & MAXIMUM RATINGS

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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