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Solar Panel Guide Specification Data Sheet











**Changzhou Hershey-Power New Energy Co., Ltd.
HS60-PB-270-325W Bifacial
HS60-MB-315**

Also available on the web at
EnergyPal.com/changzhou-hershey-power-new-energy-co-ltd-solar-panels/hs60-mb-315

HS60-PB-[270-325W]

POLY-CRYSTALLINE BIFACIAL MODULE



-  **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-PB-270	HS60-MB-275	HS60-MB-280	HS60-MB-285	HS60-MB-290	HS60-MB-305	HS60-MB-310	HS60-MB-315	HS60-MB-320	HS60-MB-325
Rated Power in Watts-Pmax(Wp)	270	275	280	285	290	305	310	315	320	325
Open Circuit Voltage-Voc(V)	37.90	38.10	38.30	38.40	38.60	39.40	39.80	40.10	40.50	40.80
Short Circuit Current-Isc(A)	9.20	9.30	9.40	9.50	9.60	9.80	9.85	9.90	9.95	10.00
Maximum Power Voltage-Vmpp(V)	31.05	31.25	31.50	31.70	31.90	33.00	33.35	33.70	34.05	34.40
Maximum Power Current-Impp(A)	8.70	8.80	8.90	9.00	9.10	9.25	9.30	9.35	9.40	9.45
Module Efficiency (%)	16.30%	16.60%	16.90%	17.20%	17.50%	18.50%	18.79%	19.09%	19.39%	19.70%

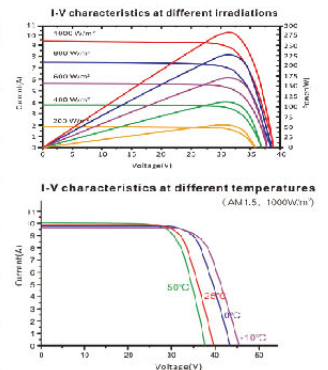
@STC (1000W/m², AM1.5, Cell Temp. 25°C) Voc tolerance ±3% Isc tolerance ±4%
Bifacial factor: 75%±5%

MECHANICAL DATA

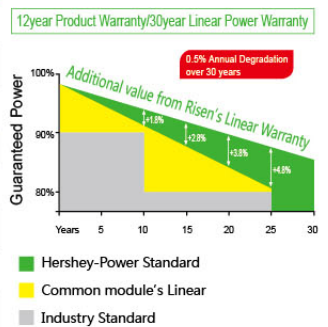
Solar cells	Polycrystalline, 5BB
Cell configuration	60 cells (6x10)
Weight	23kg
Superstrate	2.0mm, High Transmission, Low Iron, Tempered ARC Glass
Substrate	2.0mm.Tempered Glass
Frame	Anodized Aluminium Alloy , Silver Color
J-Box	Potted, IP68,1500VDC, 3 Schottky bypass diodes
Cables	4.0mm ² (12AWG), 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



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