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EnergyPal

Solar Panel Guide Specification Data Sheet

**Changzhou Hershey-Power New Energy Co., Ltd.
HS120-M 350-370W (Black Optional)
HS120-M- 365W**

Also available on the web at
EnergyPal.com/changzhou-hershey-power-new-energy-co-ltd-solar-panels/hs120-m-365w

HS120-M-[350W-370W]9BB

MONO-CRYSTALLINE MODULE

BLACK



No power loss thanks to improved temperature co-efficient caused by 9 busbar solar cell



Limited power degradation HS module caused by PID effect is guaranteed under strict testing condition for mass production



Certied to withstand the most challenging environmental conditions



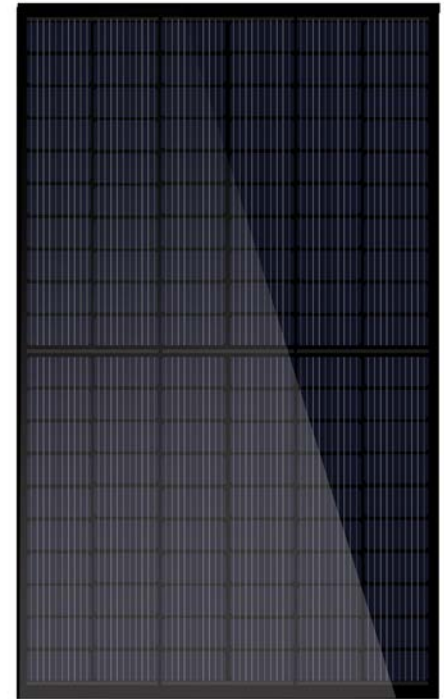
Graphene coating can increase about 2W of the module efficiency by rising around 0.5% of the light transmission



Lower temperature coefficient and wide spectral response, higher power output, even under low-light settings



Graphene coating modules can increase power generation and self-cleaning, also can save maintainance cost



ELECTRICAL PROPERTIES | STC*

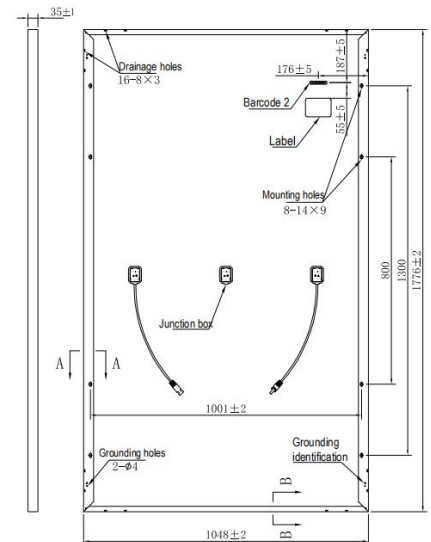
Module Type	HS120-M-350W	HS120-M-355W	HS120-M-360W	HS120-M-365W	HS120-M-370W
Nominal Power Watt Pmax(W)	350W	355W	360W	365W	370W
Power Output Tolerance Pmax(%)	0~+3	0~+3	0~+3	0~+3	0~+3
Maximum Power Voltage Vmp(V)	33.4	33.6	33.8	34.0	34.2
Maximum Power Current Imp(A)	10.48	10.57	10.66	10.74	10.82
Open Circuit Voltage Voc(V)	40.2	40.4	40.6	40.8	41.0
Short Circuit Current Isc(A)	11.04	11.14	11.24	11.34	11.44
Module Efficiency (%)	18.80	19.07	19.34	19.61	19.88

MECHANICAL DATA

Solar cells	Monocrystalline,166mm/9bb
Module size	1776×1048×35 mm
Weight	19.5kgs
Super strate	High transparency,low iron,tempered
Substrate	Glass 3.2 mm (AR-coating)
Frame	Anodized aluminum alloy ,Black
J-Box	Potted,IP68,1500VDC
Cables	4.0mm(12AWG),1000mm length
Connector	IP67/IP68
Pc/container	

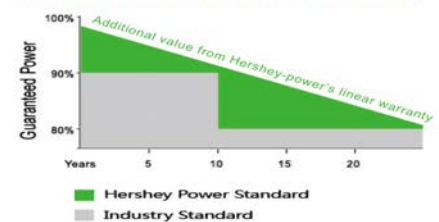
TEMPERATURE&MAXIMUM RATINGS

Nominal Module Operating Temperature	44 °C ± 2 °C
Temperature coefficient of Voc	-0.29%/ °C
Temperature coefficient of Isc	0.05%/ °C
Temperature coefficient of Pmax	-0.36%/ °C
Operational temperature	-40 °C ~+85 °C
Maximum system voltage	1000 / 1500 V DC
Max seires fuse rating	20 A
Maximum load(snow/wind)	5400 Pa / 2400 Pa
Limiting reverse current	20A

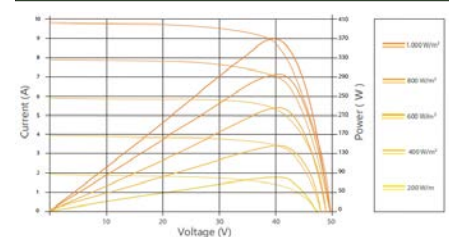


LINEAR PERFORMANCE WARRANTY

12year Product Warranty/25year Linear Power Warranty



I-V CURVES OF THE PV MODULE



CHANGZHOU HERSHEY-POWER NEW ENERGY CO.,LTD

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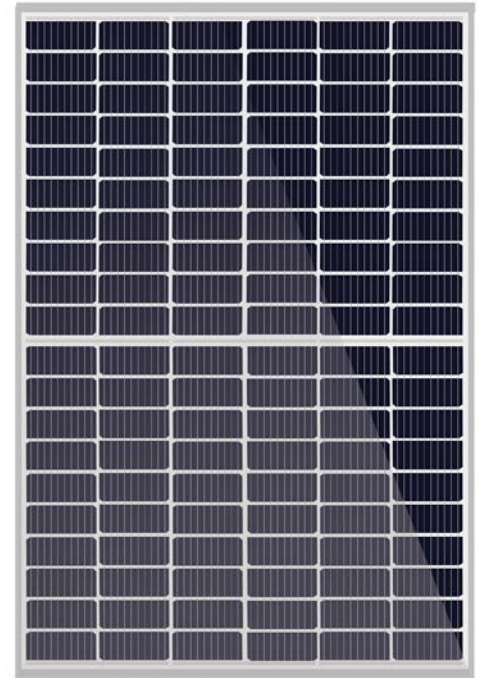
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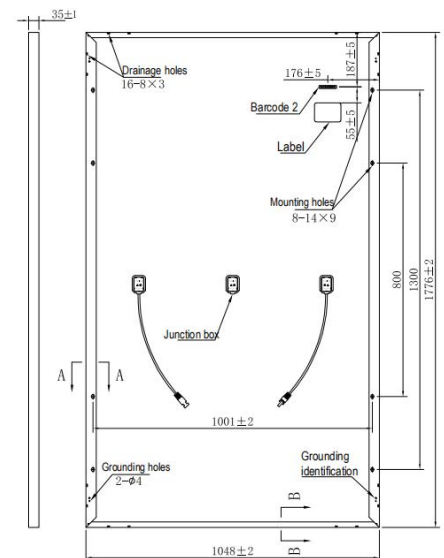
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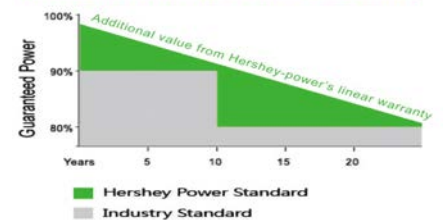
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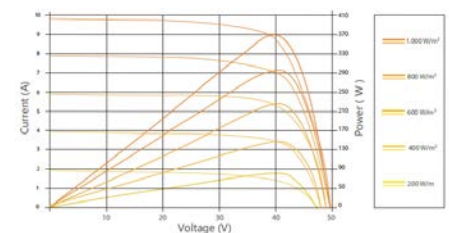


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