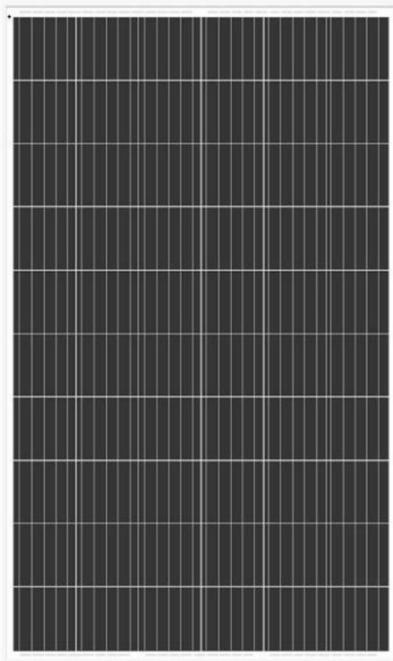


M158 BLACK

MONOCRYSTALLINE MODULE 330Watt



KEY FEATURES



Module efficiency up to 19.78%
Higher power brings lower kilowatt-hour cost, higher lifetime generating capacity, simultaneously lower annual power attenuation;



PID Resistant
Excellent PID resistance at 96 hours (85°C/85%) test, and also can be improved to meet higher standards for the particularly harsh environment;



Low-Light Performance
Excellent power generation performance under Low-Light condition due to 5 busbar;



Anti-Crack
Excellent anti-microcracking performance with more balanced interior stress;



Strength and Durability
Certified for 5400Pa snow and 2400Pa loads test;



IEC 61215
IEC 61730

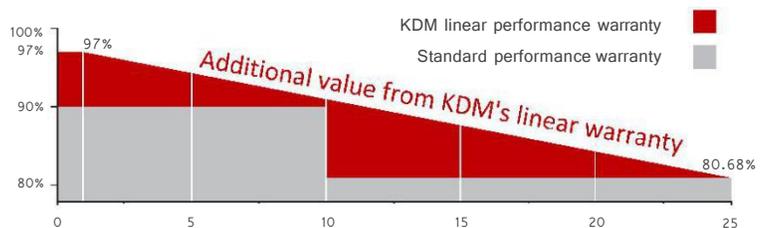


System Certification

ISO 9001:2008
ISO 14001:2004
TUV IEC CE

Linear Performance Warranty

12 Year Product Warranty • 25 Year Linear Power Warranty

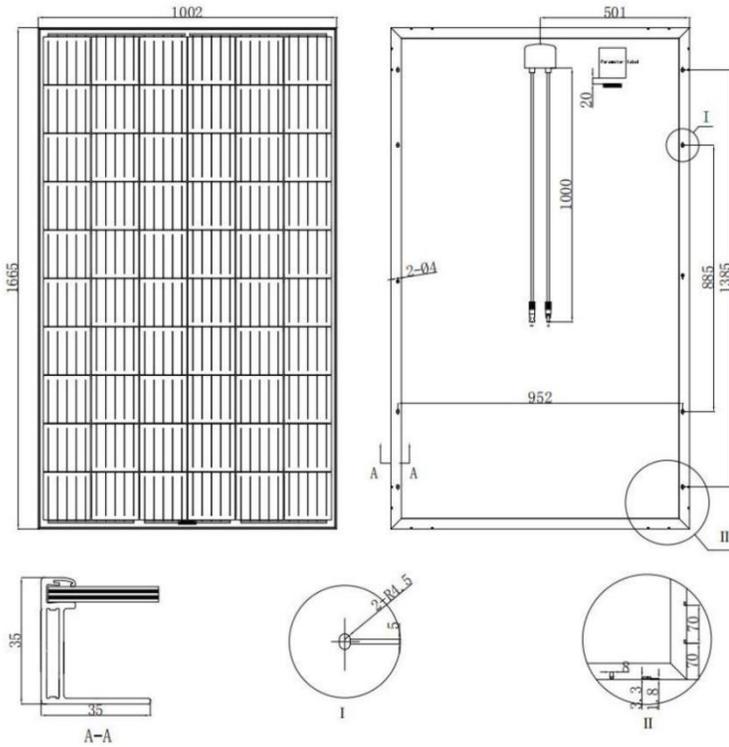


KDM SOLAR Introduction

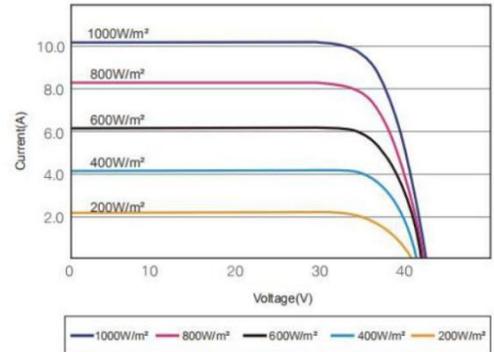
Kingdom SOLAR is the world's leading green energy provider, committed to making clean energy illuminate every corner of the world. We strive to provide high-efficiency, high-quality and low-cost clean energy solutions. Kingdom solar insists on continuous innovation around customer needs. We invest heavily in technology research, and promotes green energy in the world.



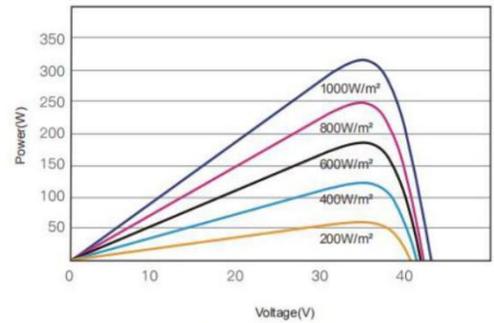
Engineering Drawings



I-V CURVE



I-V CURVES OF PV MODULE(315W)



P-V CURVES OF PV MODULE(315W)

Electrical Specifications (STC)

Model	KD-M330
Maximum Power (Pmax)	330
Power Tolerance (W)	0~+5
Open Circuit Voltage (Voc)	42.62
MPP Voltage (Vmp)	34.3
Short Circuit Current (Isc)	9.91
MPP Current (Imp)	9.63
Module Efficiency (%)	19.78

Mechanical Specifications

Model	Data
Cell Type	5BB Mono 158.75×158.75mm
No. of Cells	60 (6×10)
Dimensions	1665×1002×35mm
Weight	18.8kg
Glass	3.2mm, Low Iron Tempered Glass
Frame	Anodized Aluminium Alloy
Junction Box	IP67/IP68, 3 diodes
Output Cables	4mm², Length 1000mm
Connector type	MC4 compatible

Temperature Specifications

Item	Data
NOCT	45°C ±2°C
Temperature Coefficient (Pmax)	-0.40%/K
Temperature Coefficient (Voc)	-0.31%/K
Temperature Coefficient (Isc)	0.06%/K

Operating Condition	Data
Maximum System Voltage	1000V/1500 VDC (TÜV)
Operating Temperature	-40°C~+85°C
Maximum series fuse rating	15A

Packaging Specifications

Packing unit	30/37pcs. (35mm)
Modules per 40'HQ container	938pcs. (35mm)

Remark

STC
Irradiance 1000W/m², Cell Temperature 25°C, AM1.5