

DNA60-5-315M

Monocrystalline Silicon Module



KEY FEATURES



5 Busbar Solar Cell

Stronger current collection ability, Special circuit design with much lower hot spot temperature;



Module efficiency up to 18.9%

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;

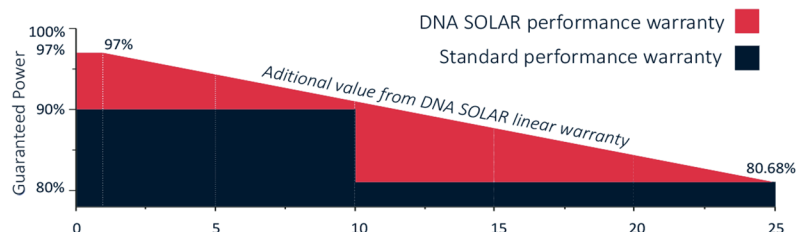


System Certification

ISO 9001:2008
ISO 14001:2004
OHSAS 18001:2007

Linear Performance Warranty

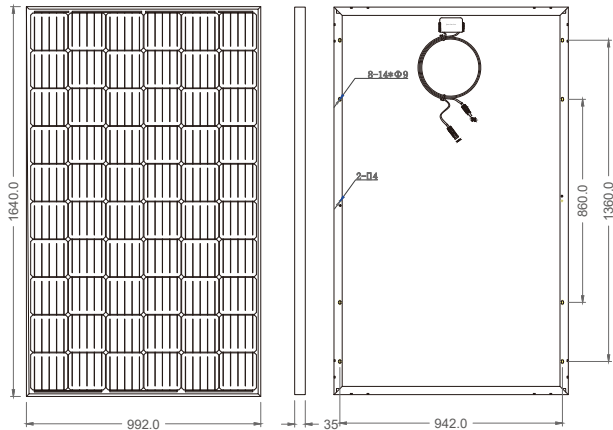
10 Year Product Warranty · 25 Year Linear Power Warranty



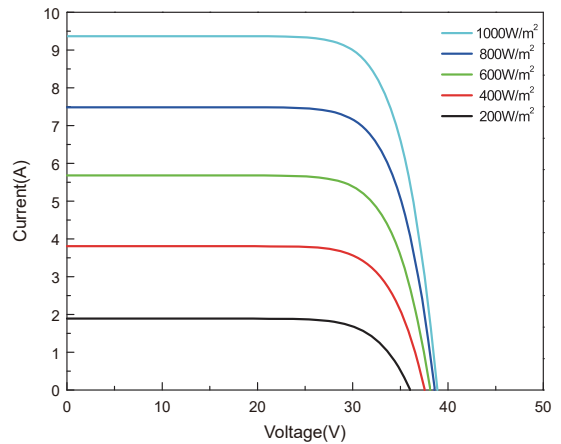
DNA SOLAR Introduction

DNA 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. DNA SOLAR insists on continuous innovation around customer needs. We invest heavily in technology research, and promotes green energy in the world.

Dimensions for PV Module



I-V Curves of PV Modules



Electrical Specifications (STC)

All Technical Data at STC:AM1.5 E=1000W/m² TC=25°C

Model	DNA60-5-305M	DNA60-5-310M	DNA60-5-315M
Maximum Power (Pmax)	305	310	315
Power Tolerance (W)	0~+5	0~+5	0~+5
Open Circuit Voltage (Voc)	39,85	40,24	40,5
MPP Voltage (Vmp)	32,77	33,09	33,3
Short Circuit Current (Isc)	9,83	9,93	9,99
MPP Current (Imp)	9,31	9,40	9,46
Module Efficiency (%)	18,3	18,6	18,9

Mechanical Specifications

Model	Data
Cell Type	156.75×156.75mm mono-crystalline
No. of Cells	60(6×10)
Dimensions	1640×992×35mm
Weight	18.5kg
Glass	3.2mm, high transmission, low iron,tempered glass
Frame	Anodized Aluminium Alloy
Junction Box	IP67 Rated
Output Cables	4mm ² , Length 900mm
Connector type	MC4 compatible

Temperature Specifications

Item	Data
NOCT	42°C ±2°C
Temperature Coefficient (Pmax)	-0.40%/K
Temperature Coefficient (Voc)	-0.31%/K
Temperature Coefficient (Isc)	0.06%/K

Operating Condition

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	30pcs.(35mm)
Modules per 40'HQ container	840 pcs. (35mm)

Remark

Tolerance	±3%(Vmp,Imp,Voc,Isc)
STC	Irradiance 1000W/m ² , Cell Temperature 25°C, AM1.5