Haitai Solar

DG Bifacial SERIES

HTM320~335DMH2-60

Double-glass Bifacial Half-cell Monocrystalline Solar Module

LOW LCOE

Double-sided power generation, single-sided price

Maximize limited space, savings in BOS and labour cost

LOW-LIGHT PERFORMANCE

Relative low temperature coefficient and wide response spectrum guarantee higher power output in hazy, cloudy and other low-light conditions

HIGH POWER OUTPUT

bifacial modules have more power generation

The average power generation on the back can reach 5%-30% of that on thefront in different installation enxironment

LOAD CAPACITY

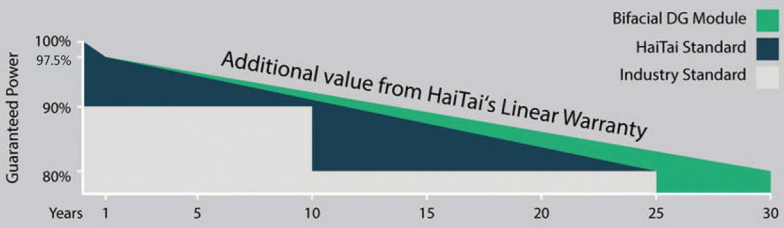
Entire module certified to withstand high wind loads (2400 Pascal) and snow loads (5400 Pascal)

WIDE APPLICATION

Widely used in BIPV, vertical installation, snow, high humidity and strong winds and sand zones, etc. and applicable to large-scale installation projects such as ground station, agricultural optics complementation, fishing and light complementation

LINEAR PERFORMANCE WARRANTY

12 year product warranty / 30 year linear power warranty



Mechanical Data

Cell Type	158.75x79.375mm Mono
Cell Orientation	120(6x20)
Module Dimension	1704x1002x30mm
Weight	26.0kg
Glass	2.5mm high transmittance, reinforced glass
Backsheet	2.5mm part of the structure is grid-like white ceramic glass
Frame Material	Anodized aluminum alloy
Junction Box	Protection class IP67
Cable	4.0mm² photovoltaic special cable
Connector	MC4 compatible connector

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Electrical Data (STC)

Maximum Power (Pmax/W)	320	325	330	335
Voltage at Maximum Power (Vmp/V)	33.17	33.45	33.72	33.99
Current at Maximum Power (Imp/A)	9.65	9.72	9.79	9.86
Open Circuit Voltage (Voc/V)	39.91	40.25	40.59	40.93
Short Circuit Current (Isc/A)	10.15	10.22	10.29	10.36
Module Efficiency (%)	18.74	19.03	19.33	19.62

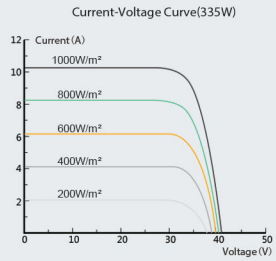
Electrical Data (NMOT)

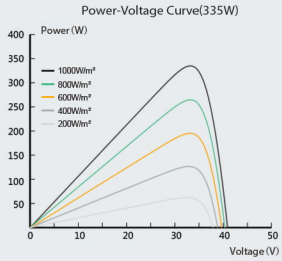
Maximum Power (Pmax/W)	235	239	243	247
Voltage at Maximum Power (Vmp/V)	30.89	31.25	31.61	31.96
Current at Maximum Power (Imp/A)	7.61	7.65	7.69	7.73
Open Circuit Voltage (Voc/V)	37.54	37.99	38.44	38.88
Short Circuit Current (Isc/A)	8.13	8.17	8.21	8.25

STC(Standard Testing Conditions): Irradiance 1000W/m², Cell Temperature 25℃, AM1.5

NMOT(Nominal Moudule Operating Temperature): Irradiance 800W/m², Ambient Temperature 20℃, Wind Speed 1m/s

I-V Curve





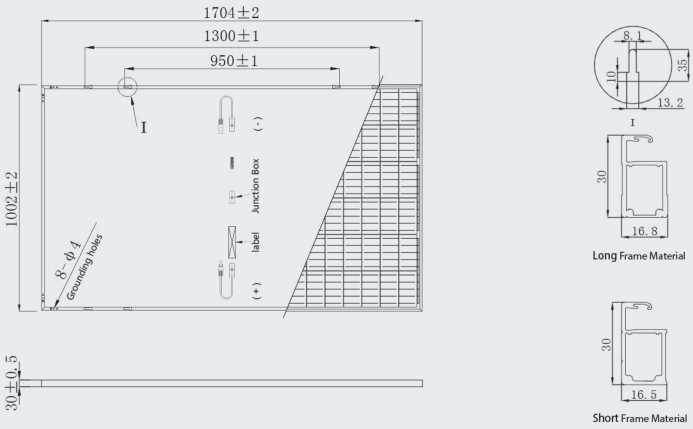
Temperature Coefficients

Temperature Coefficient (Pm)	-0.393%℃
Temperature Coefficient (Voc)	-0.287%℃
Temperature Coefficient (Isc)	0.024%℃

Operating Parameters

Maximum System Voltage	1000/1500V
Operating Temperature	-40℃~+85℃
NMOT(Nominal Moudule Operating Temperature)	41±3℃

Module Dimensions (mm)



Packaging

Modules per Pallet: 35+35 pcs

Modules per 40' HQ Container: 12pallets, 840pcs

Haitai Solar

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