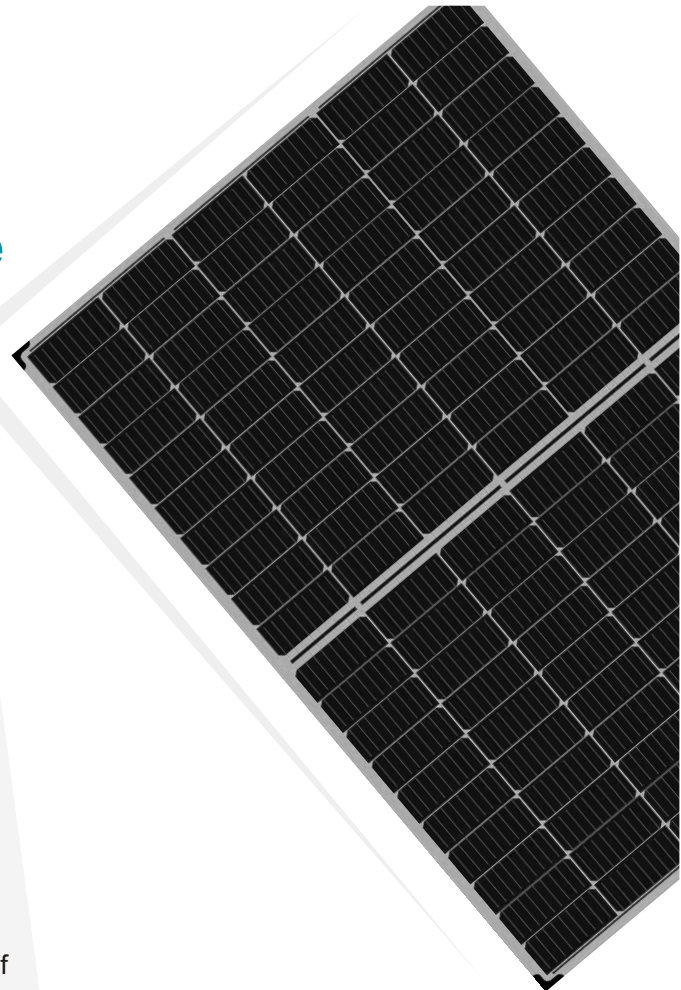




Half Cell Bifacial Module N Type

DAS-DH120NB 340W ~ 360W



High Efficiency

Module efficiency leading in industry, up to 20.3%



High Reliability

Passed 3*IEC standard test, 15 years materials warranty, 30 years power warranty



Dual Sides Power Generation

Bifaciality is up to 80%, up to 30% more energy yield than conventional modules



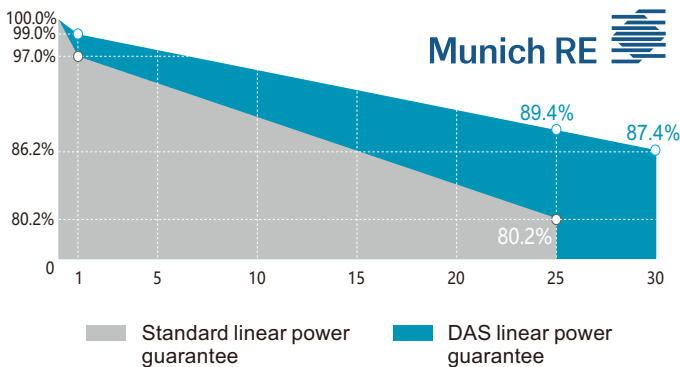
Excellent Appearance and Performance

Both side black cell, "0" LID, symmetrical design, low risk of micro-crack



Extensive Application Scenes

More extensive application scenes, such as BIPV, snow field, vertical installation, high humidity, strong wind and desert region



Product And Quality Certifications

- IEC 61215, IEC 61730
- ISO 9001: 2015 Quality Management System
- IEC 62716, IEC 61701: Ammonia, Salt mist corrosion test
- IEC TS 62804-1, IEC 60068-2-68: PID test, Dust and Sand test
- IEC TS 62941: 2016 Terrestrial photovoltaic (PV) modules. Guideline for increased confidence in PV module design qualification and type approval

-1.00%
First year power degradation

-0.40%
Annual degradation

15 YEAR
Materials and workmanship warranty

30 YEAR
Linear power warranty



Electrical Parameters (STC*)

Module Type	DH120NB-360	DH120NB-355	DH120NB-350	DH120NB-345	DH120NB-340
Nominal Max. Power(Pmax/W)	360	355	350	345	340
Open Circuit Voltage(Voc/V)	41.60	41.41	41.22	41.02	40.82
Short Circuit Current(Isc/A)	10.64	10.59	10.55	10.51	10.47
Operating Voltage(Vmp/V)	35.93	35.58	35.22	34.85	34.49
Operating Current(Imp/A)	10.02	9.98	9.94	9.90	9.86
Module Efficiency(%)	20.3	20.0	19.7	19.5	19.2

STC*(Standard Test Condition): Irradiance 1000W/m², Cell Temperature 25°C, AM1.5

Electrical Parameters (NMOT*)

Module Type	DH120NB-360	DH120NB-355	DH120NB-350	DH120NB-345	DH120NB-340
Nominal Max. Power(Pmax/W)	265	261	257	254	250
Open Circuit Voltage(Voc/V)	38.48	38.30	38.13	37.94	37.76
Short Circuit Current(Isc/A)	8.58	8.54	8.50	8.47	8.44
Operating Voltage(Vmp/V)	33.04	32.71	32.33	32.07	31.69
Operating Current(Imp/A)	8.02	7.98	7.95	7.92	7.89

NMOT* (Nominal Module Operating Temperature): Irradiance 800W/m², Ambient Temperature 20°C, AM1.5, Wind Speed 1m/s

Back Power Gain (For 350W)

Power Gain	10%	15%	20%	25%	30%
Nominal Max. Power(Pmax/W)	375	390	400	415	430
Open Circuit Voltage(Voc/V)	41.22	41.22	41.23	41.23	41.23
Short Circuit Current(Isc/A)	11.30	11.75	12.04	12.48	12.93
Operating Voltage(Vmp/V)	35.22	35.22	35.23	35.23	35.23
Operating Current(Imp/A)	10.65	11.08	11.36	11.78	12.21

Mechanical Parameters

Cell size	Bifacial N Type 161.7mm*80.85mm
Module size	1739×1020×6mm(L×W×H)
Glass Thickness	2.5mm
Module Weight	25.3kg
Output Cable	4mm ² , cable length 300mm (can be customized)
Connector	MC4 compatible
J-Box	IP68, 3 bypass diodes
Frame	Frameless

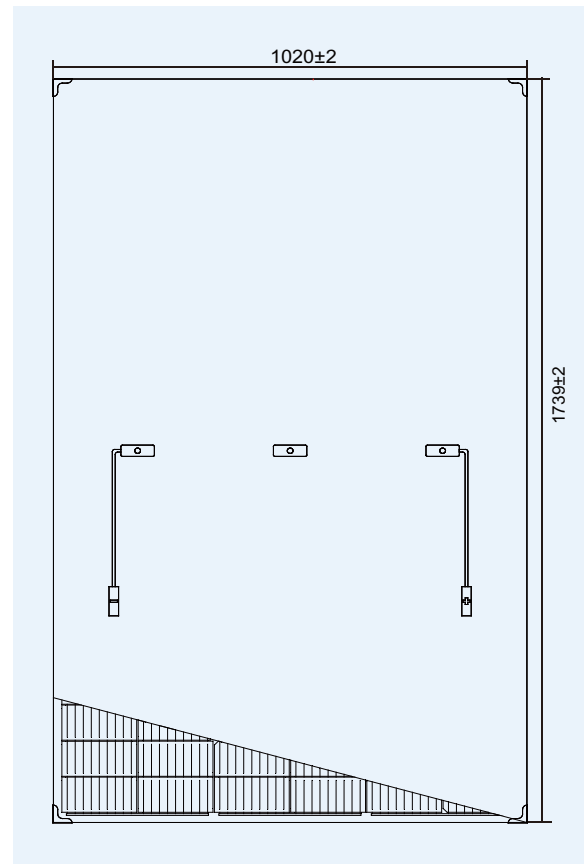
Temperature Coefficients

Short Circuit Current(Isc)	+0.048%/°C
Open Circuit Voltage(Voc)	-0.30%/°C
Nominal Max. Power(Pmax)	-0.35%/°C
NMOT	42±2°C

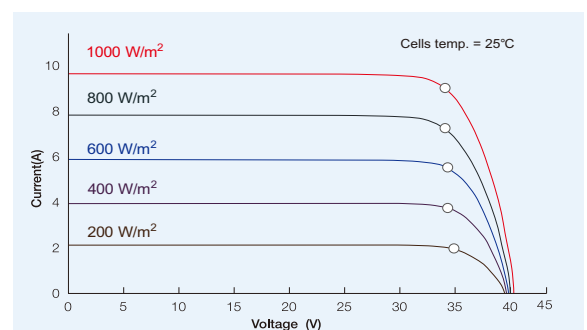
Operating Parameters

Max. System Voltage	DC1500V
Power Tolerance	0 ~ +5 W
Operating Temperature	-40°C ~ +85°C
Max. Fuse Rated Current	20A
Front Static Load	Snow load 5400Pa, Wind load 2400Pa
Application Classification	Class A
Packing Specification	30 pcs/Pallet, 180 pcs/ 20'HQ; 720 pcs/ 40'HQ;

Dimension



I-V curve



I-V curve

