



Half Cell Bifacial Module PERC

DAS-DH120P6 355W ~ 375W



High Efficiency

Module efficiency leading in industry, up to 20.0%



High Reliability

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



Dual Sides Power Generation

Bifaciality is up to 70%, up to 25% more energy yield than conventional modules



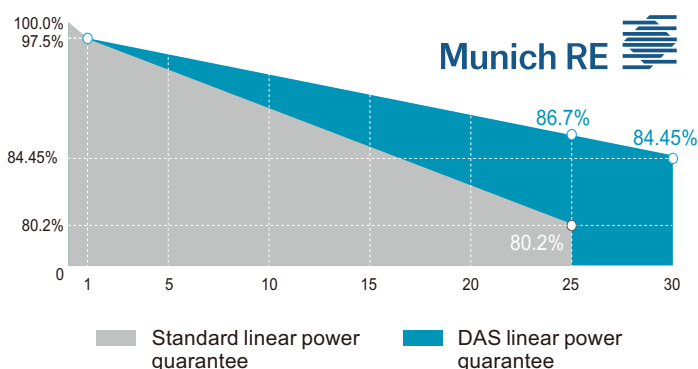
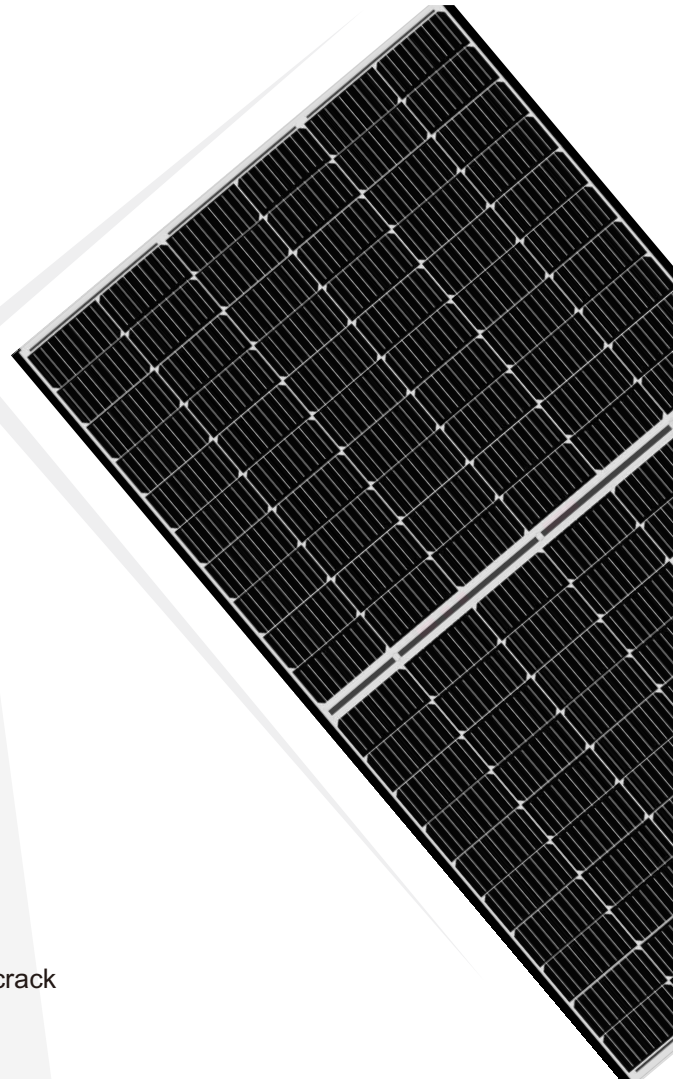
Excellent Appearance and Performance

Both side black cell, 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



Munich RE

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

-2.50%
First year power degradation
-0.45%
Annual degradation



Electrical Parameters (STC*)

Module Type	DH120P6-375	DH120P6-370	DH120P6-365	DH120P6-360	DH120P6-355
Nominal Max. Power(Pmax/W)	375	370	365	360	355
Open Circuit Voltage(Voc/V)	41.85	41.65	41.45	41.25	41.05
Short Circuit Current(Isc/A)	11.18	11.10	11.02	10.94	10.86
Operating Voltage(Vmp/V)	34.92	34.71	34.50	34.29	34.07
Operating Current(Imp/A)	10.74	10.66	10.58	10.50	10.42
Module Efficiency(%)	20.0	19.7	19.4	19.2	18.9

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

Electrical Parameters (NMOT*)

Module Type	DH120P6-375	DH120P6-370	DH120P6-365	DH120P6-360	DH120P6-355
Nominal Max. Power(Pmax/W)	276	272	268	265	261
Open Circuit Voltage(Voc/V)	38.71	38.53	38.34	38.16	37.97
Short Circuit Current(Isc/A)	9.01	8.95	8.88	8.82	8.75
Operating Voltage(Vmp/V)	32.13	31.89	31.68	31.55	31.29
Operating Current(Imp/A)	8.59	8.53	8.46	8.40	8.34

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

Back Power Gain (For 355W)

Power Gain	10%	15%	20%	25%	30%
Nominal Max. Power(Pmax/W)	380	390	405	415	425
Open Circuit Voltage(Voc/V)	41.05	41.05	41.06	41.06	41.06
Short Circuit Current(Isc/A)	11.62	11.92	12.37	12.67	13.12
Operating Voltage(Vmp/V)	34.07	34.07	34.08	34.08	34.08
Operating Current(Imp/A)	11.16	11.45	11.89	12.18	12.62

Mechanical Parameters

Cell size	Mono PERC 166mm*83mm
Module size	1796×1046×26mm (L x W x H)
Glass Thickness	2.0mm
Module Weight	23.3Kg
Output Cable	4mm ² , cable length 300mm (can be customized)
Connector	MC4 compatible
J-Box	IP68, 3 bypass diodes
Frame	Mg-Al-Zn

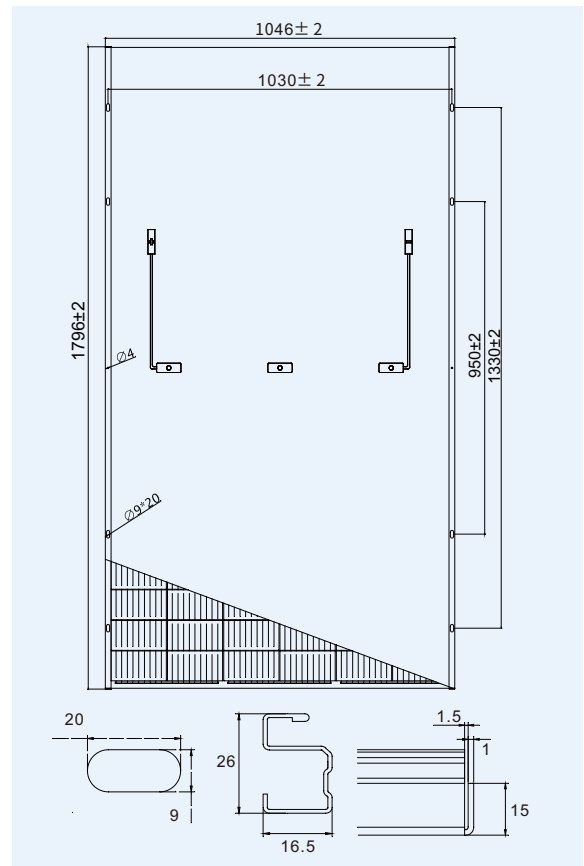
Temperature Coefficients

Short Circuit Current(Isc)	+0.048%/°C
Open Circuit Voltage(Voc)	-0.31%/°C
Nominal Max. Power(Pmax)	-0.38%/°C
NMOT	42±2°C

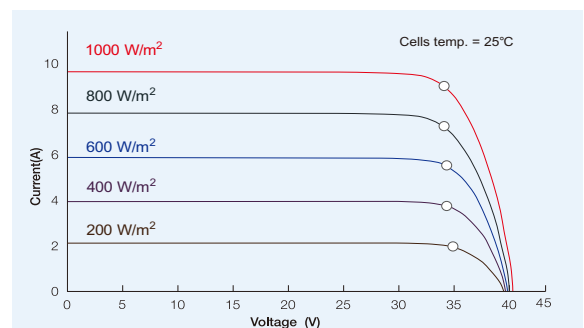
Operating Parameters

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'GP; 720 pcs/ 40'HQ;

Dimension



I-V curve



I-V curve

