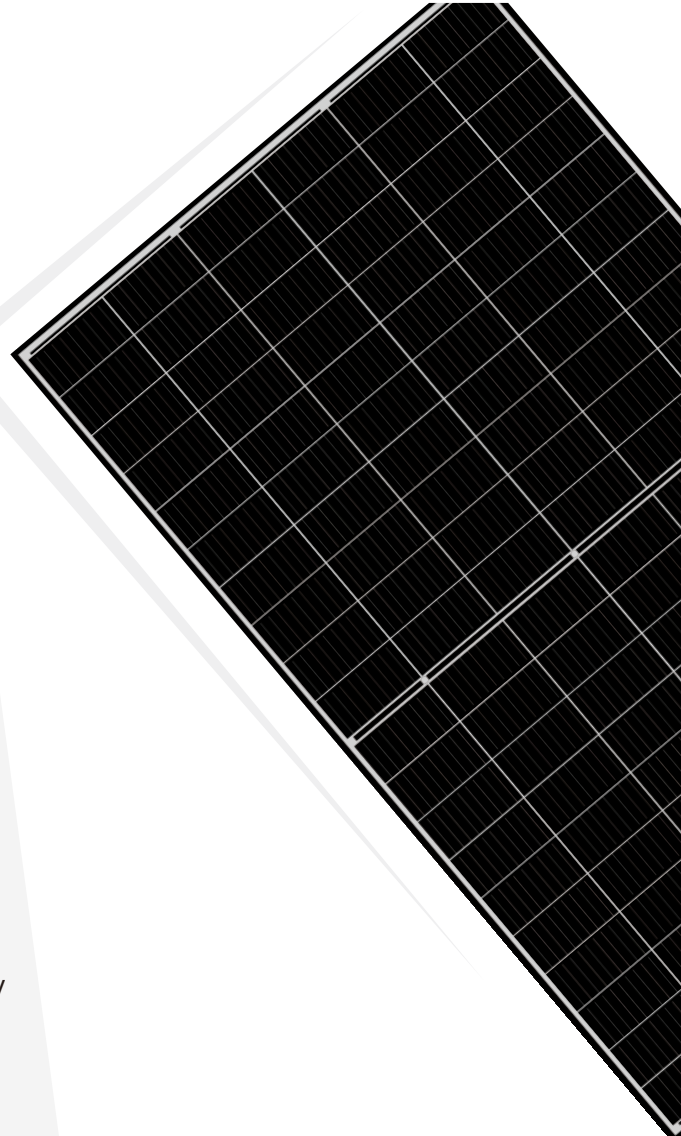




Half Cell Mono PERC

DAS-WH120P 325W ~ 345W



High Efficiency

Module efficiency leading in industry, up to 20.4%



High Reliability

Passed 3*IEC standard test



Low Hot-spot Risk

1/2 current, reducing the hot spot temperature



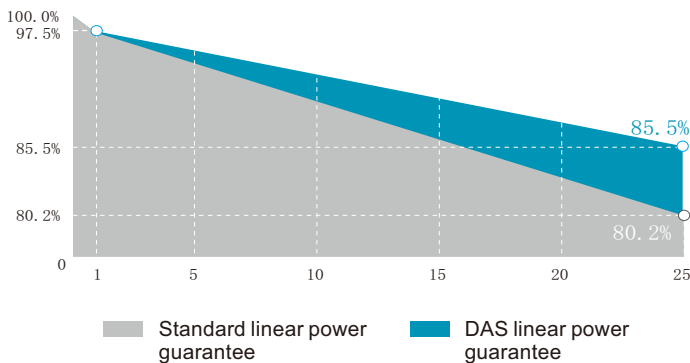
Low NMOT

As low as 43°C , improving the power generation efficiency



Half Cell, MBB Technology

Series-then-parallel cell connection design, more reliable soldering technology



Product And Quality Certifications

- IEC 61215, IEC 61730
- ISO 9001: 2015 Quality Management System
- ISO 14001: 2015 Environmental Management System
- ISO 45001: 2018 EHS Management System
- 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

-0.50%
Annual degradation

15
YEAR

Materials and workmanship warranty

25
YEAR

Linear power warranty



DAS solar has been founded in 2018, the total designed production capacity is 5GW high efficiency Mono cell and 3GW high efficiency Mono module. It will be 1.2GW high efficiency Mono PERC cell and 900 MW high efficiency Mono PERC module production capacity from 2019.

Electrical Parameters (STC*)

Module Type	WH120P-345	WH120P-340	WH120P-335	WH120P-330	WH120P-325
Nominal Max. Power(Pmax/W)	345	340	335	330	325
Open Circuit Voltage(Voc/V)	41.98	41.81	41.55	41.29	41.03
Short Circuit Current(Isc/A)	10.22	10.13	10.05	9.97	9.89
Operating Voltage(Vmp/V)	35.20	35.01	34.75	34.49	34.23
Operating Current(Imp/A)	9.80	9.72	9.65	9.58	9.51
Module Efficiency(%)	20.4	20.2	19.9	19.6	19.3

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

Electrical Parameters (NMOT*)

Module Type	WH120P-345	WH120P-340	WH120P-335	WH120P-330	WH120P-325
Nominal Max. Power(Pmax/W)	254	250	246	243	239
Open Circuit Voltage(Voc/V)	38.83	38.67	38.43	38.19	37.95
Short Circuit Current(Isc/A)	8.24	8.16	8.10	8.04	7.97
Operating Voltage(Vmp/V)	32.40	32.13	31.87	31.72	31.41
Operating Current(Imp/A)	7.84	7.78	7.72	7.66	7.61

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

Mechanical Parameters

Cell size	Mono PERC 158.75×79.375mm
Module size	1685×1002×35mm (L×W×H)
Glass Thickness	3.2mm
Module Weight	18.6kg
Output Cable	4mm ² , cable length 300mm (can be customized)
Connector	MC4 compatible
J-Box	IP68, 3 bypass diodes
Frame	Anodized aluminium alloy

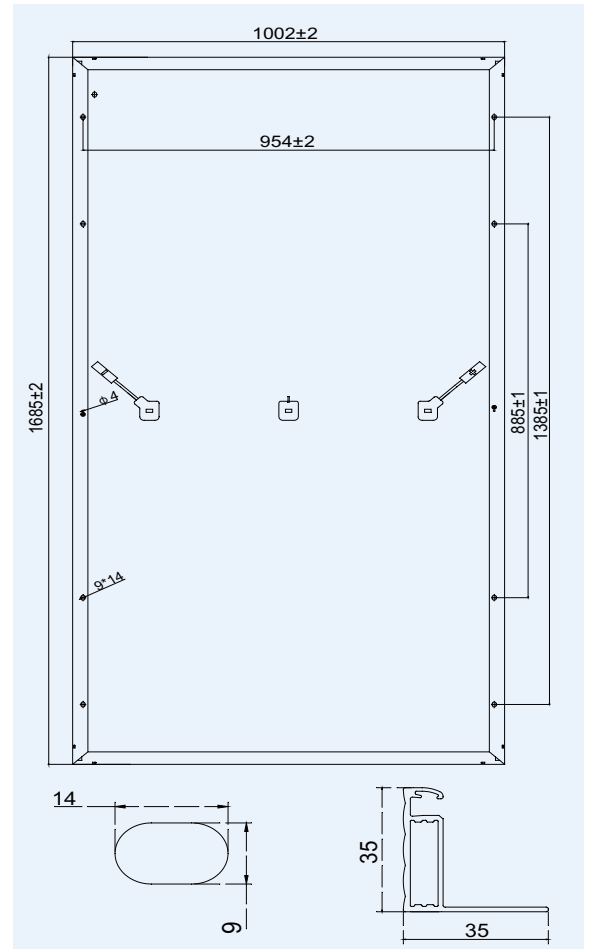
Temperature Coefficients

Short Circuit Current(Isc)	+0.048%/°C
Open Circuit Voltage(Voc)	-0.31%/°C
Nominal Max. Power(Pmax)	-0.38%/°C
NMOT	43±2°C

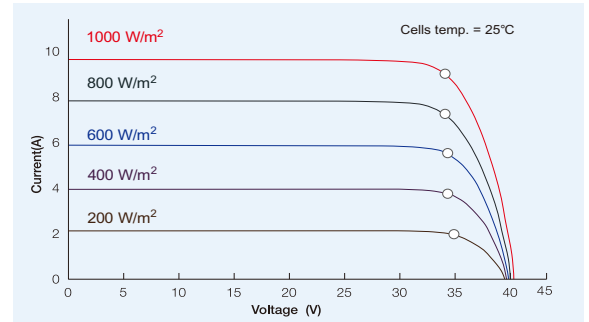
Operating Parameters

Max. System Voltage	DC1000V/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, 300 pcs/ 20'HQ; 780 pcs/ 40'HQ;

Dimension



I-V curve



I-V curve

