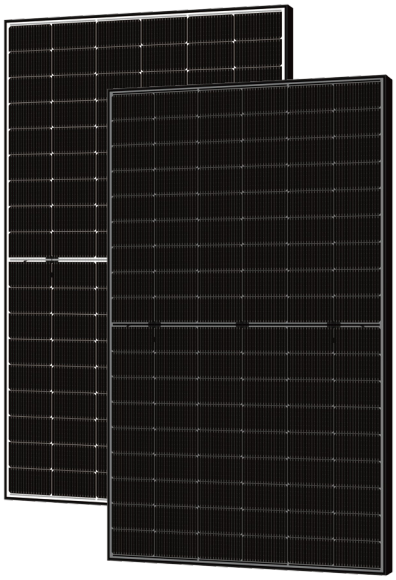
N Type P Type



P Type
Bifacial Double Glass Module

Made in China

Module Type: DAS-DH108PA Module Power: 400W ~420W

Maximum Power Output	21.5% Maximum Module Efficiency	0~+5W Power Output Tolerance

-2.00% 1st-year Degradation

-0.45% Annual Degradation

25 YEAR Materials and workmanship warranty

30 YEAR Linear power warranty

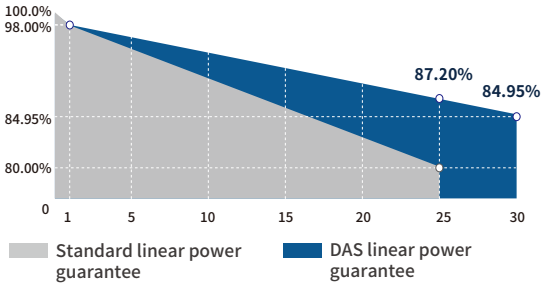
Product and Quality Certifications

IEC 61215, IEC 61730

ISO 9001：2015 Quality Management System

ISO 14001：2015 Environment Management System

ISO45001：2018 EHS Management System



Key Features

High Efficiency
Module efficiency leading in industry, up to 21.5%

Double Sided Power Generation
Bifaciality is up to 70%, up to 25% more energy yield than conventional modules

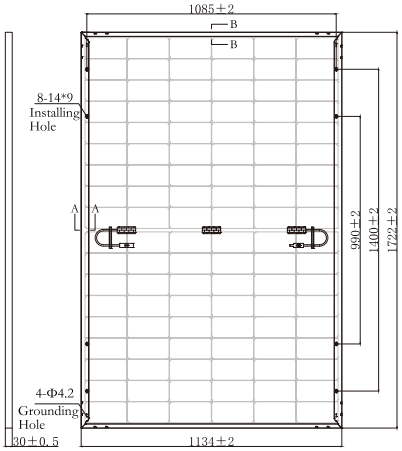
Excellent Appearance and Performance
Both side cell, symmetrical design, low risk of micro-crack

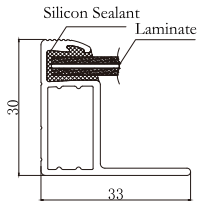
Reduce Mismatch Loss
Half-cut cell technology provides optimized energy production under inter-row shading conditions

High Reliability
25 years materials warranty, 30 years power warranty

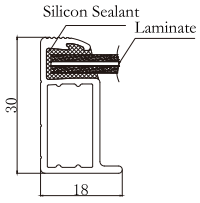
Extensive Application Scenes
More extensive application scenes, such as BIPV, snow field, vertical installation, high humidity, strong wind and desert region

Engineering Drawing (MM)



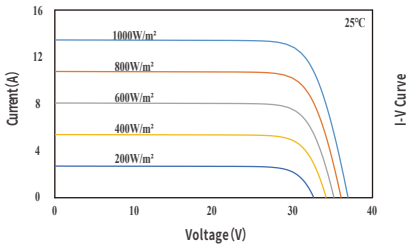


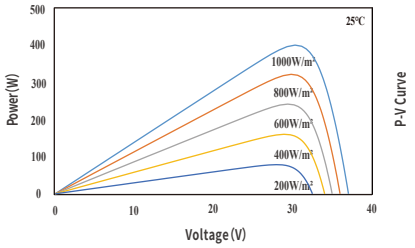
A Long Frame



B Short Frame

Characteristic Curves(405W)





Electrical Properties (STC *)

Testing Condition	Front	Front	Front	Front	Front
Nominal Max. Power(Pmax/W)	400	405	410	415	420
Open Circuit Voltage(Voc/V)	37.21	37.38	37.55	37.71	37.87
Short Circuit Current(Isc/A)	13.67	13.76	13.85	13.94	14.03
Operating Voltage(Vmp/V)	31.18	31.35	31.52	31.68	31.84
Operating Current(Imp/A)	12.83	12.92	13.01	13.10	13.20
Efficiency(%)	20.5	20.7	21.0	21.3	21.5

STC * : Irradiance = 1000 W/m², Cell Temperature = 25°C, AM = 1.5

Mechanical Parameters

Cell Type	P Type
Module Size	1722×1134×30mm
Glass Thickness	2.0mm
Module Weight	24.1Kg
Output Cable	4mm², cable length 300mm (can be customized)
Connector	1.QC4.10-cd ,2.PV-KST4-EVO2/xy_UR (male),PV-KBT4-EVO2/xy_UR(female) 3.PV-ZH202B,4.YC4,5.QC4.10-cds,6.PV-TT02,7.PV-JK03M2/xy(Plug+Socket)
Junction Box	IP68, 3 bypass diodes
Frame	Anodized aluminium alloy(Black)

Electrical Properties (NMOT *)

Testing Condition	Front	Front	Front	Front	Front
Nominal Max. Power(Pmax/W)	294.0	297.7	301.4	305.0	308.7
Open Circuit Voltage(Voc/V)	34.42	34.58	34.73	34.88	35.03
Short Circuit Current(Isc/A)	11.02	11.09	11.16	11.24	11.31
Operating Voltage(Vmp/V)	28.65	28.79	28.95	29.10	29.23
Operating Current(Imp/A)	10.26	10.34	10.41	10.48	10.56

NMOT *: Irradiance = 800 W/m², Ambient Temperature = 20°C, AM = 1.5,
Wind Speed = 1 m/s

Temperature Coefficients

Short Circuit Current(Isc)	+0.048%/°C
Open Circuit Voltage(Voc)	-0.260%/°C
Nominal Max. Power(Pmax)	-0.340%/°C
NMOT	42±2°C

Back Power Gain（For 400W)

Power Gain	10%	15%	20%	25%	30%
Nominal Max. Power(Pmax/W)	440.0	460.0	480.0	500.0	520.0
Open Circuit Voltage(Voc/V)	37.21	37.31	37.31	37.31	37.31
Short Circuit Current(Isc/A))	15.04	15.72	16.40	17.09	17.77
Operating Voltage(Vmp/V)	31.18	31.28	31.28	31.28	31.28
Operating Current(Imp/A)	14.11	14.71	15.35	15.98	16.62

Operating Parameters

Max. System Voltage	DC1500V
Power Tolerance	0 ~ +5 W
Operating Temperatue	-40°C ~ +85°C
Max. Fuse Rated Current	30A
Designed Mechanical Load	Positive 3600Pa, Negative 1600Pa
Packing Data	36 pcs/Pallet；216(20GP)；936(40HQ)

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