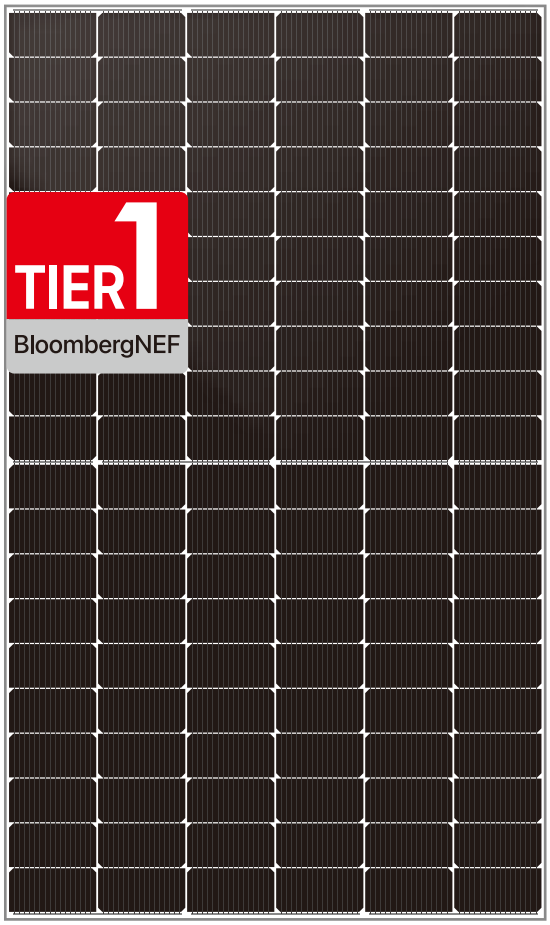
DAH Solar
www.dahsolarpv.com



TOPCon

DHN-60X16/DG

0~+5W

470~485W

Higher Power Generation Efficiency
N-type TOPCon module could increase power generation by 3%+ per watt compared with PERC module

Higher Power Output
Bifacial module back-side power increases 5-25%

Lower Degradation Rate
First-year ≤1%, 2-30 year ≤0.4%

Lower Temp. Coefficient
More power generation under high-temperature

Better Dim Light Performance
Excellent performance under dim light

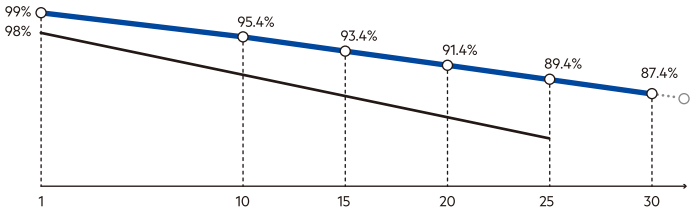
Comprehensive Products & System Certificates

IEC 61215 / IEC 61730 / CE / INMETRO

ISO 45001: 2018/International standards for occupational health & safety
ISO 14001: 2015/Standards for environmental management system
ISO 9001: 2015/Quality management system

Quality Guarantee

15-Year Material & Technology Warranty
30-Year Linear Power Output Warranty

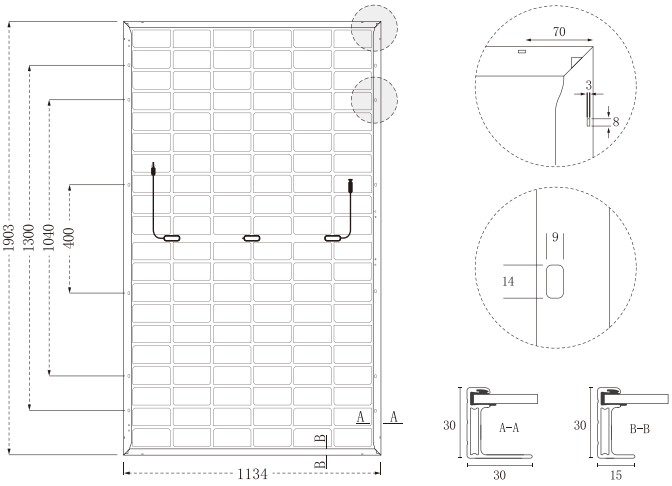


DAH Solar Linear power output gurarantee Standard Linear power output gurarantee

DAH Solar
www.dahsolarpv.com

Mechanical Specification

Cable	4.0mm², 350/250mm in length,
(Including Connector)	length can be customized
No.of Cells	120 (6×20)
Glass	2.0mm High Transmission, Antireflection Coating
Junction Box	IP68, 3 Bypass Diodes
Connector	MC4 Compatible
Weight	27kg
Cells Type	N-type 182×91mm
Dimension (L×W×T)	1903×1134×30mm
Packing	36pcs/Pallet, 864pcs/40HQ



Electrical Characteristics

Module Type	DHN-60X16/DG							
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power (Pmax)	470	353	475	357	480	361	485	365
Open-circuit Voltage (Voc)	42.4	40.28	42.6	40.47	42.8	40.66	43.0	40.85
Maximum Power Voltage (Vmp)	36.0	34.20	36.2	34.39	36.4	34.58	36.6	34.77
Short-Circuit Current (Isc)	13.90	11.22	13.96	11.27	14.02	11.32	14.08	11.37
Maximum Power Current (Imp)	13.06	10.33	13.12	10.39	13.19	10.44	13.25	10.49
Module Efficiency (STC)	21.78%		22.01%		22.24%		22.47%	
Refer Bifacial Factor	80±5%							

STC: Standard Test Environment : Irradiance 1000W/m², Cell temperature 25°C, Spectrum AM1.5
NOCT: Standard Test Environment : Irradiance 800W/m², Ambient temperature 20°C, Spectrum AM1.5, Wind speed 1m/s

Double-Sided Power Generation Parameters (Rear gain)

5%	Maximum Power (Pmax)	494	499	504	509
	Module Efficiency (%)	22.87	23.11	23.35	23.60
15%	Maximum Power (Pmax)	541	546	552	558
	Module Efficiency (%)	25.05	25.31	25.58	25.85
25%	Maximum Power (Pmax)	588	594	600	606
	Module Efficiency (%)	27.22	27.51	27.80	28.09

Operating Parameters

Maximum System Voltage	1500V DC
Power Tolerance	0~+5W
Operating Temperature	-40 ~ +85°C
Maximum Series Fuse Rating	30A
Nominal Operating Cell Temperature	45°C±2°C
Application Level	Class A

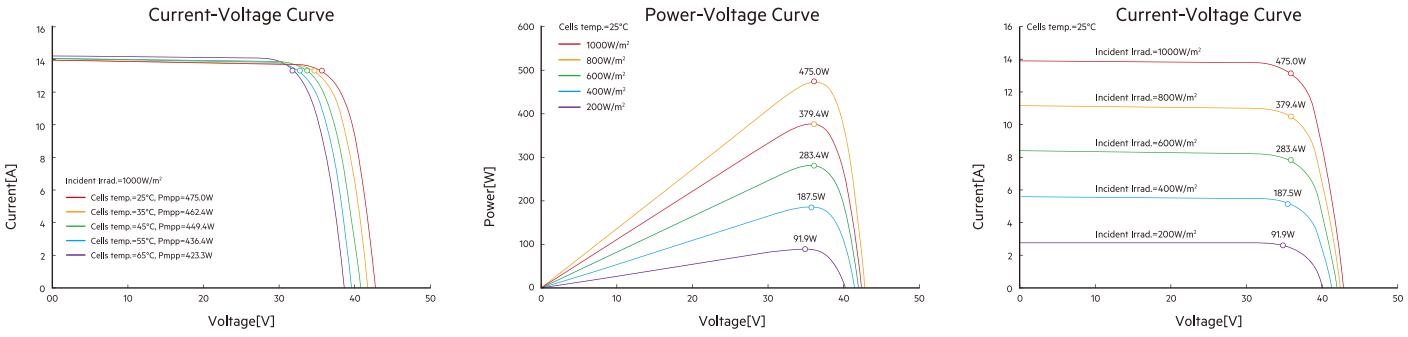
Temperature Coefficient

Temperature Coefficient of Isc (α Isc)	0.046%/°C
Temperature Coefficient of Voc (β Voc)	-0.25%/°C
Temperature Coefficient of Pmax (γ Pmp)	-0.30%/°C

Mechanical Loads

Snow load, frontside / Wind load, backside	5400Pa/2400Pa

I-V Curve



DAH Solar Co., Ltd.
Add: No.1 Yaoyuan Road, Luyang District, Hefei City, Anhui, China · Facebook: www.facebook.com/DAHSolar · E-mail: sales@dh-solar.cn
www.dahsolarpv.com