

DBB

DHN-66Z20/DG

600~635W

High Efficiency Double Glass PV Module

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

15 Material & technology warranty

30 Linear power output warranty



No-Busbar(0BB) Technology, shorten 40% of the transmission distance.
Reduces losses & improving conversion efficiency



Bifacial Rate Up to 85% and More Back Power Generation by 5-25%



Double-glass Technology, higher encapsulation
blocking and mechanical strength



Higher power, longer service life, linear power warranty for 30 years

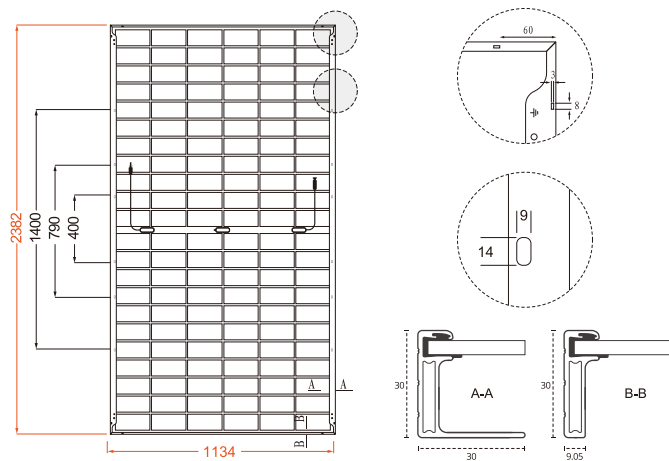


TOPCon cells, lower attenuation,
better temperature coefficient & dim light performance

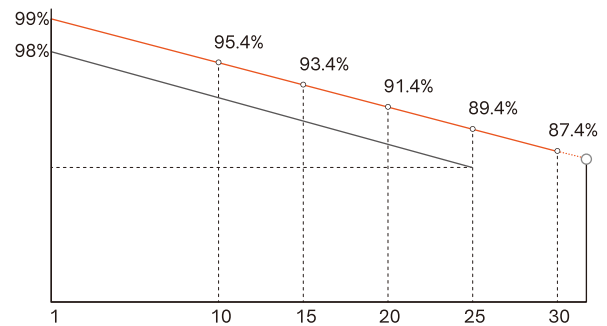


DHN-66Z20/DG 600~635W

Design



30-Year Linear Power Output Warranty



— DAH Solar linear power output guarantee
— Standard linear power output guarantee

Mechanical Specification

No. of Cells	132 (6×22)
Weight	32.5kg
Cells Type	N-type 182×105mm
Dimension (L×W×T)	2382×1134×30mm
Packing	36pcs/Pallet, 720pcs/40HQ

Cable(Including connector)	4.0mm ² , 300/200mm in length, length can be customized
Glass	2.0mm High Transmission, Antireflection Coating
Junction Box	IP68, 3 Bypass Diodes
Connector	MC4 Compatible

Electrical Characteristics

Module Type	DHN-66Z20/DG									
Test conditions	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power (Pmax/W)	600	452	605	456	610	460	615	463	620	467
Open-circuit Voltage (Voc/V)	47.8	45.4	48.0	45.6	48.2	45.8	48.4	46.0	48.6	46.2
Maximum Power Voltage (Vmp/V)	40.5	38.5	40.7	38.7	40.9	38.9	41.1	39.0	41.3	39.2
Short-circuit Current (Isc/A)	15.76	12.72	15.82	12.77	15.88	12.82	15.94	12.87	16.00	12.92
Maximum Power Current (Imp/A)	14.81	11.75	14.86	11.79	14.91	11.83	14.96	11.87	15.01	11.91
Module Efficiency (STC)	22.21		22.40		22.58		22.77		22.95	
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)	630	635	641	646	651	656	662	667
	Module Efficiency (%)	23.3	23.5	23.7	23.9	24.1	24.3	24.5	24.7
15%	Maximum Power (Pmax)	690.0	695.8	701.5	707.3	713.0	718.8	724.5	730.3
	Module Efficiency (%)	25.5	25.8	26.0	26.2	26.4	26.6	26.8	27.0
25%	Maximum Power (Pmax)	750.0	756.3	762.5	768.8	775.0	781.3	787.5	793.8
	Module Efficiency (%)	27.8	28.0	28.2	28.5	28.7	28.9	29.2	29.4

Operating Parameters

Maximum System Voltage	1500V DC
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 (αIsc)	0.046%/°C
Temperature Coefficient of Voc (βVoc)	-0.25%/°C
Temperature Coefficient of Pmax (γPmp)	-0.29%/°C
Snow load, frontside / Wind load, backside	5400Pa/2400Pa