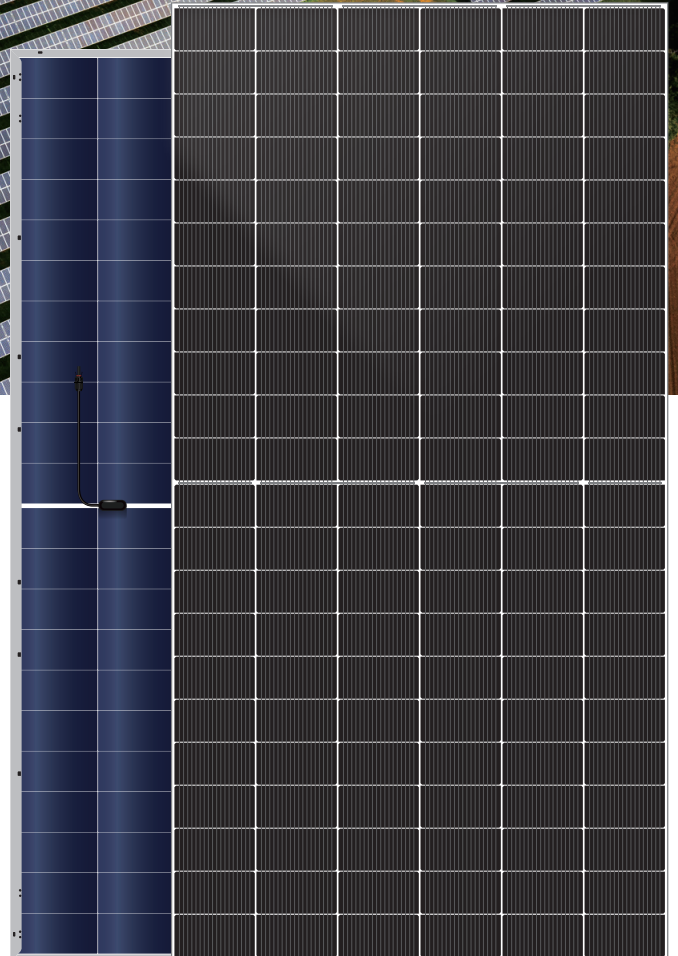


DHN-66Y18/DG 710~735W

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


 Material & technology warranty

 Linear power output warranty


Bifacial rate up to 85% and more back power generation by 5-25%


Double-glass Technology, higher encapsulation blocking and mechanical strength

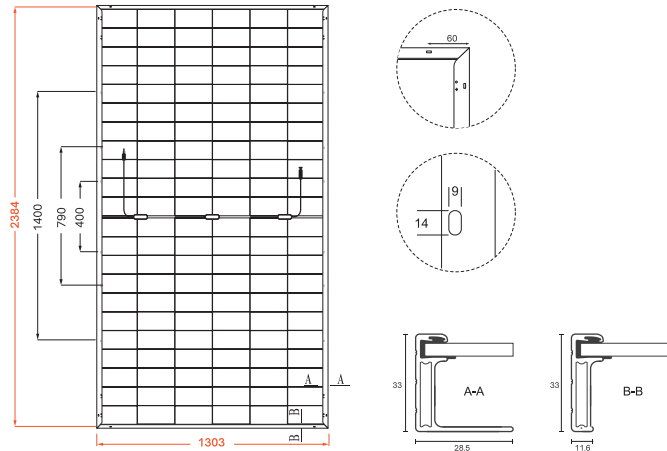

Higher performance in anti hidden cracking, acid and alkali, salt spray, water vapor, UV, PID


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

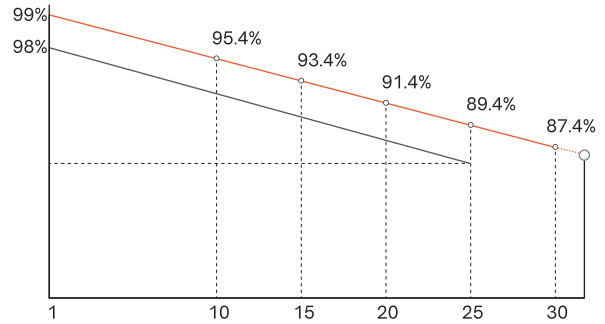

LECO laser assisted sintering technology, reduces contact resistance and improves efficiency by 0.2% -0.5%

DHN-66Y18/DG 710~735W

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	36.7kg
Cells Type	N-type 210×105mm
Dimension (L×W×T)	2384×1303×33mm
Packing	33pcs/Pallet, 594pcs/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-66Y18/DG														
	STC		NOCT		STC		NOCT		STC		NOCT		STC		NOCT
Test conditions	710	535	715	539	720	543	725	546	730	550	735	554	735	554	
Maximum Power (P _{max} /W)	48.0	45.6	48.2	45.8	48.4	46.0	48.6	46.2	48.8	46.4	49.0	46.6	49.0	46.6	
Open-circuit Voltage (V _{oc} /V)	40.4	38.4	40.6	38.6	40.8	38.8	41.0	39.0	41.2	39.1	41.4	39.3	41.4	39.3	
Maximum Power Voltage (V _{mp} /V)	18.61	15.02	18.67	15.07	18.73	15.12	18.79	15.17	18.85	15.22	18.91	15.27	18.91	15.27	
Short-circuit Current (I _{sc} /A)	17.57	13.94	17.61	13.97	17.65	14.00	17.68	14.03	17.72	14.06	17.75	14.08	17.75	14.08	
Maximum Power Current (I _{mp} /A)	22.86%		23.02%		23.18%		23.34%		23.50%		23.66%		23.66%		
Module Efficiency (STC)	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
Note: The electrical data in this catalog only serve for comparison among different module type.
They do not refer to any individual module and they are not part of the offer.

Double-Sided Power Generation Parameters (Rear gain)

Light Intensity	Parameter	Value 1	Value 2	Value 3	Value 4	Value 5	Value 6
5%	Maximum Power (P _{max})	746	751	756	761	767	772
	Module Efficiency (%)	24.0	24.2	24.3	24.5	24.7	24.8
15%	Maximum Power (P _{max})	816.5	822.3	828.0	833.8	839.5	845.3
	Module Efficiency (%)	26.3	26.5	26.7	26.8	27.0	27.2
25%	Maximum Power (P _{max})	887.5	893.8	900.0	906.3	912.5	918.8
	Module Efficiency (%)	28.6	28.8	29.0	29.2	29.4	29.6

Operating Parameters

Maximum System Voltage	1500V DC
Operating Temperature	-40 ~ +85°C
Maximum Series Fuse Rating	35A
Nominal Operating Cell Temperature	45°C±2°C
Application Level	Class A

Temperature Coefficient

Temperature Coefficient of I _{sc} (αI _{sc})	0.046%/°C
Temperature Coefficient of V _{oc} (βV _{oc})	-0.25%/°C
Temperature Coefficient of P _{max} (γP _{mp})	-0.29%/°C
Snow load, frontside / Wind load, backside	5400Pa/2400Pa



Add: No.1 Yaoyuan Road, Luyang District, Hefei City, Anhui, China Ins: <https://www.instagram.com/dahsolarpv/> E-mail: sales@dahsolar.com
All specific descriptions involving technical modifications and testing conditions shall be subject to the final interpretation authority of DAH Solar

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