

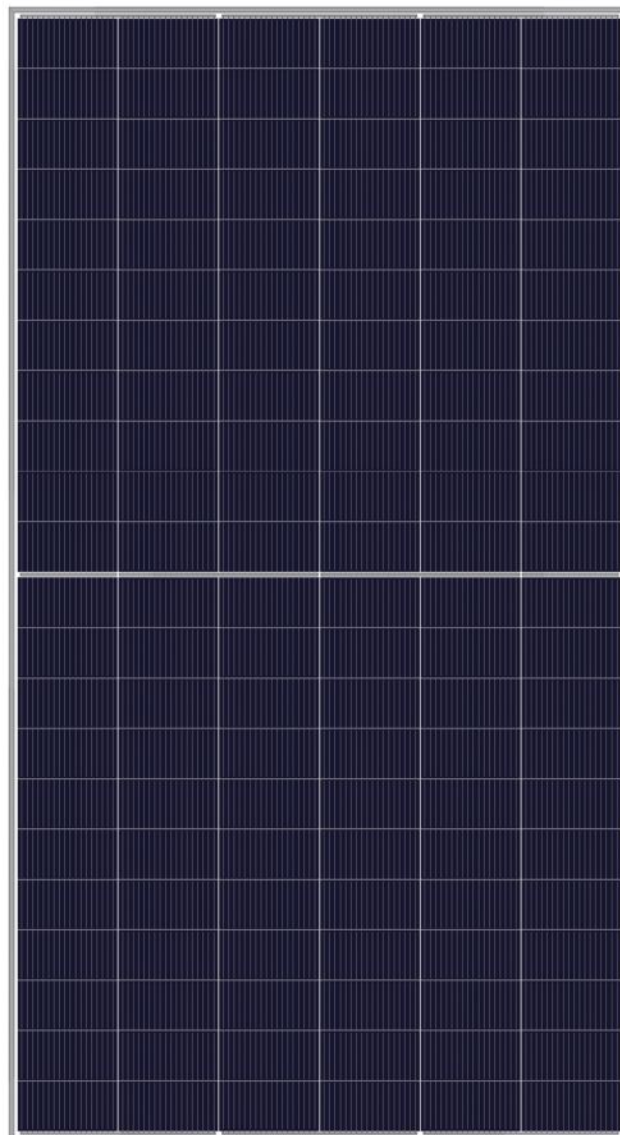
DHM66D50-TP

690-720W

High performance transparent N-type
double glass bifacial solar module

-  High performance N-Type 18BB silicon cells, with a conversion efficiency upto 23.18%.
-  Up to 20 % more power output by Bifacial-Technology
-  Ultra-low attenuation rate, first year attenuation $\leq 1\%$, 2-30 years linear attenuation $\leq 0.4\%$
-  Fully automatic production line with full quality inspection to ensure product assurance
-  Components are resisting wind loads of 2400pa and snow loads of 5400pa

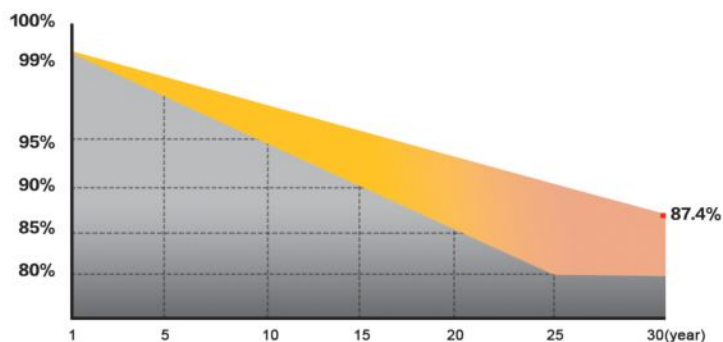
DAHAI SOLAR is a renewable energy enterprise founded in 2011 , with 5GW high efficiency solar module production and 10GW silicon production capacity. Adhering to the brand concept of "new energy for a new world", Dahai solar has always been committed to doing a stand out in the photovoltaic industry, transforming light with ingenuity and provide green energy to everybody.



30 YEAR LINEARITY
POWER
OUTPUT WARRANTY



25 YEARS OF EXCELLENT
PRODUCTS MATERIAL
AND PROCESS WARRANTY



The power attenuation shall not exceed 1% in the first year and 0.4% in the following years.



IEC 61215, IEC 61730

ISO 9001:2015/ Quality Management System

ISO 14001:2015/ Environmental Management System

ISO 45001:2018/ Occupational Health And Safety



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Maximum efficiency

Power tolerance

Highest component conversion efficiency

First year attenuation

Decay over the years

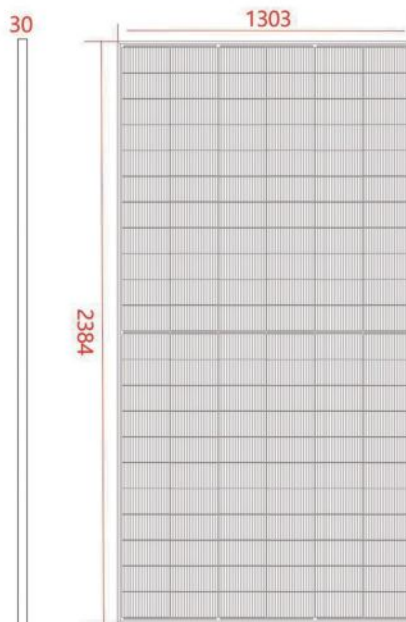
720W
0~+5W
23.18%
≤1.0%
≤0.4%

MECHANICAL PROPERTIES

Cell type	210*210 N-type
Component weight	38kg
Component Size	2384×1303×30mm
Number of Cells	132(6x22)
Cable cross-sectional area	4mm ²
Junction Box	IP68, 3 diodes
Connector	MC4-EVO2
Packaging information	36 pieces/pallet 648 pieces /40 'container

WORKING PARAMETERS

Maximum system voltage	1500V (TUV)
Operating temperature	-40°C~+85°C
Maximum fuse current rating	30A
Maximum static load, front	5400pa
Maximum static load,back side	2400pa
Nominal battery operating temperature	45±2°C
Application Level	ClassA



TEMPERATURE CHARACTERISTICS

Power	-0.290%/°C
Open circuit voltage	-0.250%/°C
Short-circuit current	0.044%/°C

ELECTRICAL PERFORMANCE PARAMETERS UNDER STC

Model	DHM66D50 -690/TP	DHM66D50 -695/TP	DHM66D50 -700/TP	DHM66D50 -705/TP	DHM66D50 -710/TP	DHM66D50 -715/TP	DHM66D50 -720/TP
Maximum power (W)	690	695	700	705	710	715	720
Voltage at maximum power point (VMP/V)	40.00	40.25	40.50	40.75	41.00	41.25	41.50
Current at maximum power point (IMP/A)	17.25	17.27	17.28	17.30	17.32	17.33	17.35
Open circuit voltage (VOC/V)	47.90	48.20	48.50	48.80	49.10	49.40	49.70
Short circuit current (ISC/A)	18.28	18.31	18.34	18.37	18.40	18.45	18.51
Component efficiency [%]	22.21%	22.37%	22.53%	22.70%	22.86%	23.02%	23.18%
Power tolerance (W)	0~+5						
Standard test environment	Irradiance 1000W/m ² , cell temperature 25°C, spectrum AM1.5						

Note:Due to continuous innovation, research and product upgrading, the parameters in this specification are not just a component, but can only be used for comparison between different types.

BIFACIAL OUTPUT - BACKSIDE POWER GAIN

Model	DHM66D50 -690/TP	DHM66D50 -695/TP	DHM66D50 -700/TP	DHM66D50 -705/TP	DHM66D50 -710/TP	DHM66D50 -715/TP	DHM66D50 -720/TP
5% Power output	725	730	735	740	746	751	756
Module Efficiency	23.32%	23.49%	23.66%	23.83%	24.00%	24.17%	24.34%
10% Power output	759	765	770	776	781	787	792
Module Efficiency	24.43%	24.61%	24.79%	24.96%	25.14%	25.32%	25.50%
20% Power output	828	834	840	846	852	858	864
Module Efficiency	26.66%	26.85%	27.04%	27.23%	27.43%	27.62%	27.81%