

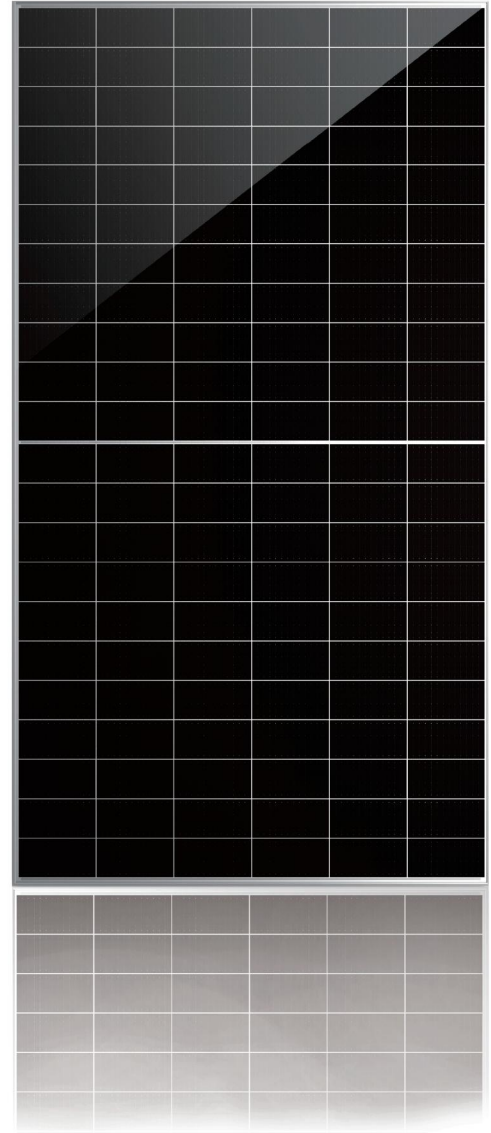
DHM66T50-MR

645-670W

High efficiency monocrystalline module

- Using 210, 12BB efficient monocrystalline silicon cells, the output power up to 670W, the conversion rate reached 21.57%
- High power module designed for large and medium scale solar power station project, striving for high efficiency
- Fully automatic production line with full quality inspection to ensure product assurance
- The Components are resisting wind loads of 2400pa and snow loads of 5400pa

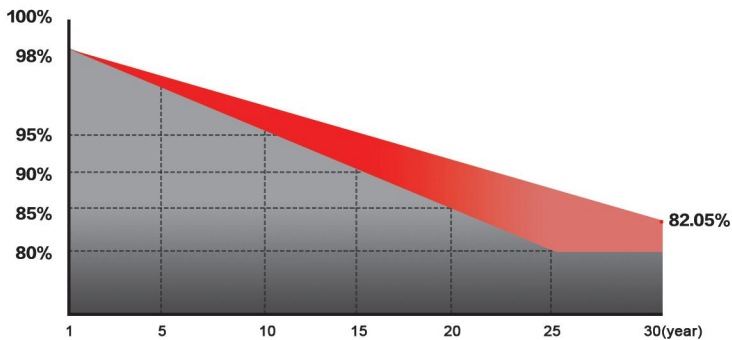
DAHAI SOLAR is a renewable energy enterprise founded in 2011 , with 5GW high efficiency solar module production capacity, 10GW silicon production capacity. Adhering to the brand concept of "new energy, new world", Dahai solar has always been committed to doing a stand out in the photovoltaic industry,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



30 YEARS
30 YEAR LINEARITY POWER OUTPUT WARRANTY

25 YEARS
25 YEARS OF EXCELLENT PRODUCTS MATERIAL AND PROCESS WARRANTY

30 YEAR EXCESS LINEAR POWER OUTPUT WARRANTY



The power attenuation shall not exceed 2% in the first year and 0.55% in the following years.

COMPLETE QUALITY MANAGEMENT SYSTEM AND PRODUCT CERTIFICATION



CQC TUV CE
IEC 61215, IEC 61730
ISO 9001:Quality Management System
ISO 14001:Environmental Management System
ISO 45001:Occupational Health And Safety Management System



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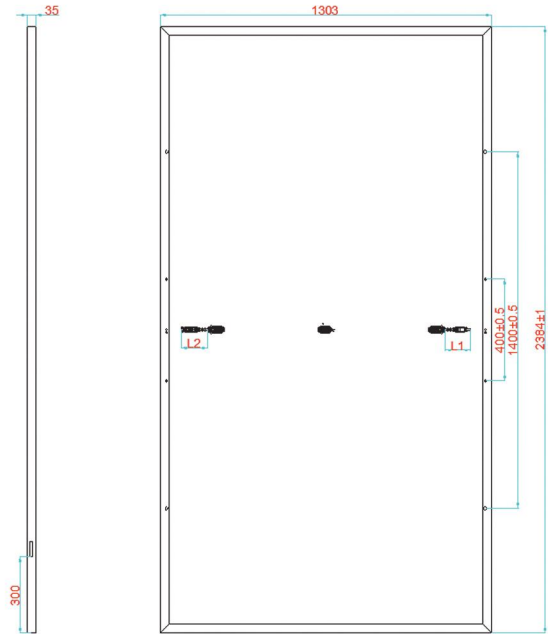
Maximum efficiency	Power tolerance	Highest component conversion efficiency	First year attenuation	Decay over the years
670W	0~+5W	21.57%	≤2.0%	≤0.55%

MECHANICAL PROPERTIES

Battery type	Monocrystalline
Component weight	33kg
Component Size	2384×1303×35mm
Number of Cells	132(6x22)
Cable cross-sectional area	4mm ²
Junction Box	IP68, 3 diodes
Connector	MC4-EVO2
Packaging information	31 pieces/pallet 558 pieces /40 'container

WORKING PARAMETERS

Maximum system voltage	1500V DC
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	-0.34%/°C
Open circuit voltage	-0.253%/°C
Short-circuit current	0.040%/°C

ELECTRICAL PERFORMANCE PARAMETERS UNDER STC

Mode	DHM66T50 -645/MR	DHM66T50 -650/MR	DHM66T50 -655/MR	DHM66T50 -660/MR	DHM66T50 -665/MR	DHM66T50 -670/MR
Maximum power (W)	645	650	655	660	665	670
Voltage at maximum power point (VMP/V)	37.48	37.68	37.89	38.11	38.31	38.52
Current at maximum power point (IMP/A)	17.21	17.25	17.29	17.32	17.36	17.39
Open circuit voltage (VOC/V)	45.12	45.32	45.53	45.73	45.95	46.14
Short circuit current (ISC/A)	18.24	18.29	18.33	18.39	18.44	18.50
Component efficiency [%]	20.76%	20.92%	21.09%	21.25%	21.41%	21.57%
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.

ELECTRICAL PERFORMANCE PARAMETERS UNDER NOCT

Mode	DHM66T50 -645/MR	DHM66T50 650/MR	DHM66T50 -655/MR	DHM66T50 -660/MR	DHM66T50 -665/MR	DHM66T50 -670/MR
Maximum power (W)	481	485	488	492	496	500
Voltage at maximum power point (Vmp)[V]	34.63	34.84	35.05	35.25	35.43	35.62
Current at maximum power point (Imp)[A]	13.89	13.91	13.93	13.96	13.99	14.02
Open circuit voltage (Voc)[V]	42.30	42.53	42.74	42.94	43.13	43.31
Short circuit current (Isc)[A]	14.53	14.60	14.66	14.75	14.83	14.91
Nominal cell operating temperature(NOCT)	Irradiance800W/m ² , ambient temperature20°C, spectrum AM1.5G, wind speed 1m/s					