






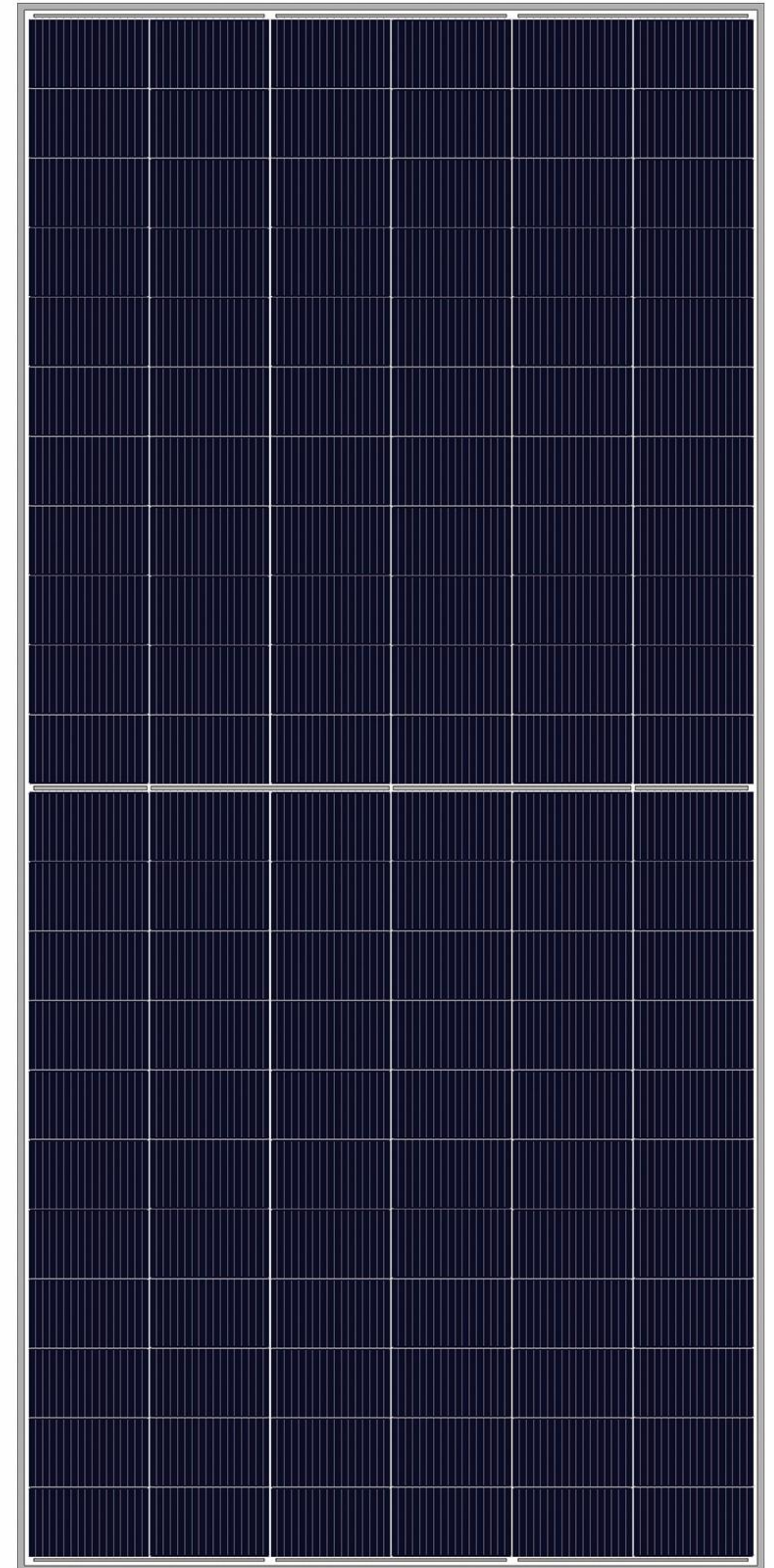
DHM66D60-TP

585-610W

double glass bifacial solar module

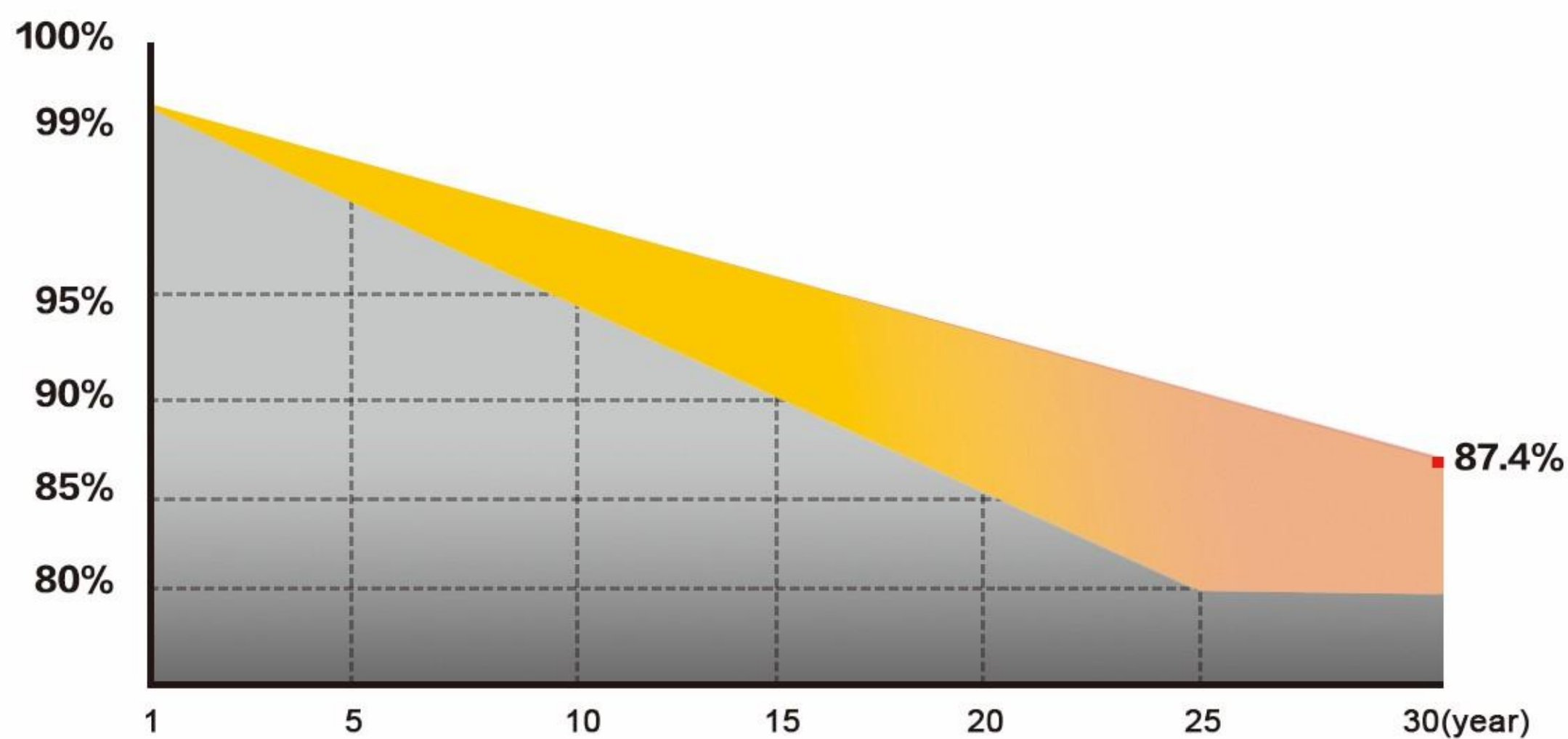
-  High performance 210R+N-Type TOPCon 16BB silicon cells, with a conversion efficiency upto 22.56%.
-  Up to 30 % more power output by Bifacial-Technology
-  Ultra-low attenuation rate, first year attenuation $\leq 1\%$, 2-30 years linear attenuation $\leq 0.4\%$
-  Fully automatic production line with 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 YEARS 30 YEAR LINEARITY POWER OUTPUT WARRANTY

25 YEARS 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.



CQC TUV CE MCS UKCA
 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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Nominal output

Power tolerance

Maximum efficiency

First year attenuation

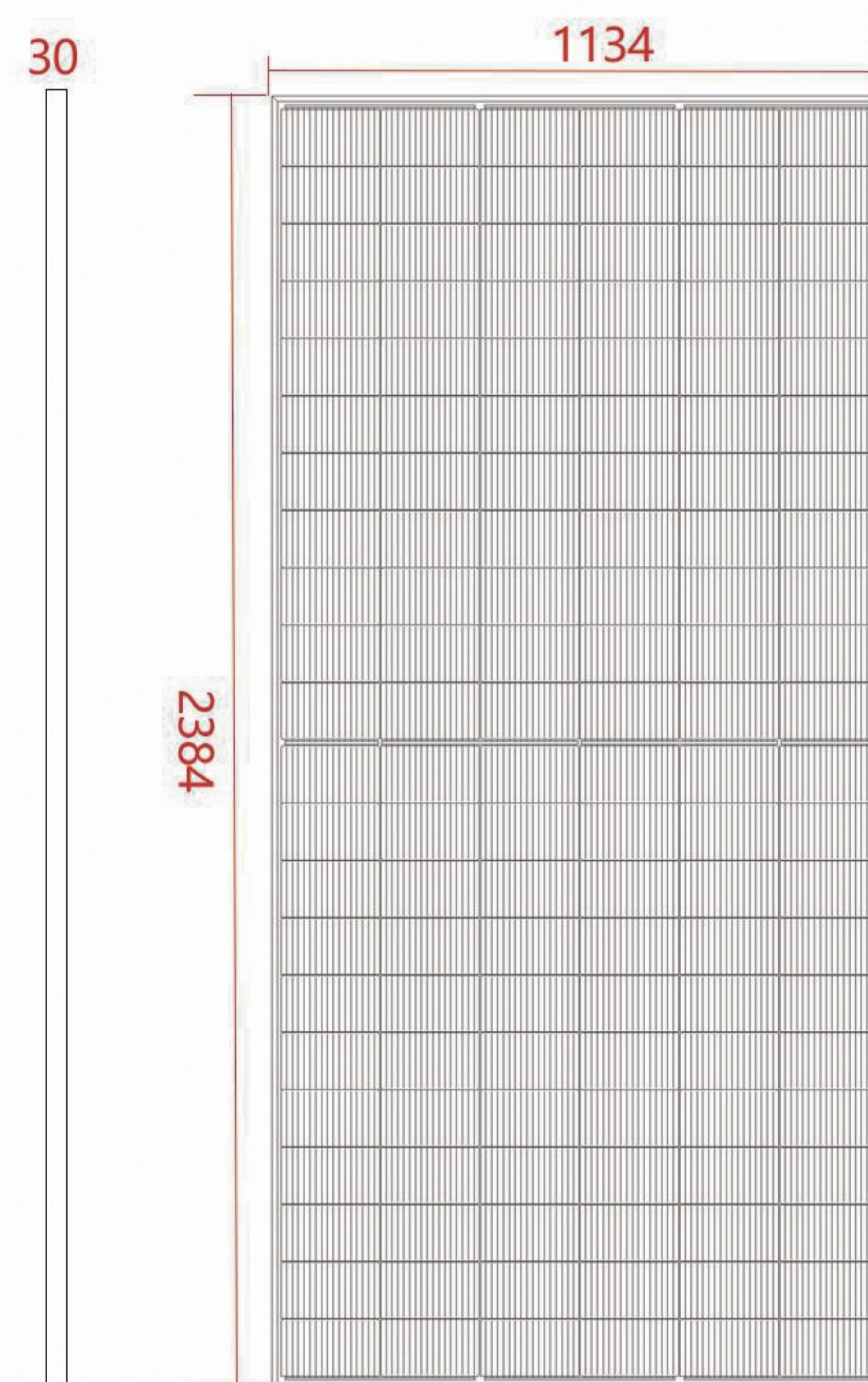
Decay over the years

610W
0~+5W
22.56%
≤1.0%
≤0.4%
MECHANICAL PROPERTIES

Cell type	210R+N-TOPCon
Weight	33.5kg
Dimension	2384×1134×30mm
No. of Cells	132(6x22)
Output Cable	4mm ²
Junction Box	IP68, 3 diodes
Connector	MC4-EVO2
Packaging information	36 pcs/pallet 720pcs per 40"HC

WORKING PARAMETERS

Maximum system voltage	1500V (TUV)
Operating temperature	-40°C~ +85°C
Maximum series fuse rating	35A
Front side maximum static loading	5400pa
Back side maximum static loading	2400pa
Nominal operating cell temperature	
Application Level	


TEMPERATURE CHARACTERISTICS

Temperature Coefficient of Pmax	-0.30%/°C
Temperature Coefficient of Voc	-0.25%/°C
Temperature Coefficient of Isc	0.04%/°C

ELECTRICAL PERFORMANCE PARAMETERS UNDER STC

Model	DHM66D60 -585/TP	DHM66D60 -590/TP	DHM66D60 -595/TP	DHM66D60 -600/TP	DHM66D60 -605/TP	DHM66D60 -610/TP
Maximum power (Pmax/W)	585	590	595	600	605	610
Voltage at maximum power point (Vmp/V)	39.52	39.75	40.03	40.25	40.50	40.70
Current at maximum power point (Imp/A)	14.80	14.84	14.86	14.91	14.94	14.99
Open circuit voltage (Voc/V)	47.50	47.70	47.90	48.10	48.30	48.90
Short circuit current (Isc/A)	15.64	15.67	15.70	15.73	15.76	15.80
Component efficiency [%]	21.64%	21.82%	22.01%	22.19%	22.38%	22.56%
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	DHM66D60 -585/TP	DHM66D60 -590/TP	DHM66D60 -595/TP	DHM66D60 -600/TP	DHM66D60 -605/TP	DHM66D60 -610/TP
5% Power output	614	620	625	630	635	641
Module Efficiency	22.72%	22.92%	23.11%	23.30%	23.50%	23.69%
10% Power output	644	649	655	660	666	671
Module Efficiency	23.80%	24.01%	24.21%	24.41%	24.62%	24.82%
20% Power output	702	708	714	720	726	732
Module Efficiency	25.97%	26.19%	26.41%	26.63%	26.85%	27.08%