

DHM72T31-MR

530-555W

High efficiency monocrystalline Module



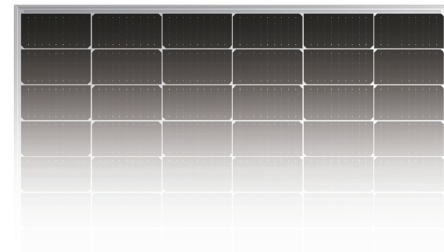
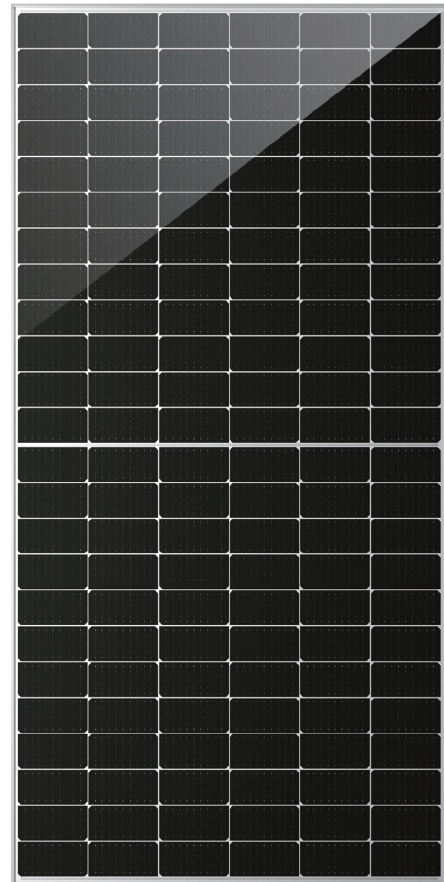
30 YEAR LINEARITY POWER OUTPUT WARRANTY



25 YEARS OF EXCELLENT PRODUCTS MATERIAL AND PROCESS WARRANTY



ISO 9001: 2008 ISO 14001:2004
ISO 45001:2018 TUV CE CQC
IEC 61215, IEC 61730



MECHANICAL PROPERTIES

Cell Type	Monocrystalline
Component Weight	28
Component Size	2279x1134x35mm
Number of Cells	144(6x24)
Cable Cross-sectional Area	4mm ²
Junction Box	IP68, 3 diodes
Connector	MC4-EVO2
Packaging information	31 pieces/pallet 620 pieces /40' container

WORKING PARAMETERS

Maximum system voltage	1500V DC
Operating temperature	-40°C~+ 85°C
Maximum series fuse rating	25A
Application Level	ClassA

ELECTRICAL PERFORMANCE PARAMETERS UNDER STC

Model	DHM72T31-530/MR	DHM72T31-535/MR	DHM72T31-540/MR	DHM72T31-545/MR	DHM72T31-550/MR	DHM72T31-555/MR
Maximum Power (Pmax) [W]	530	535	540	545	550	555
Voltage at Maximum Power Point (Vmp) [V]	41.53	41.82	42.12	42.41	42.71	42.91
Current at Maximum Power Point (Imp) [A]	12.76	12.79	12.82	12.85	12.88	12.93
Open Circuit Voltage (Voc) [V]	49.20	49.35	49.51	49.69	49.88	50.08
Short Circuit Current (Isc) [A]	13.68	13.75	13.82	13.89	13.97	14.04
Component Efficiency [%]	20.51%	20.70%	20.89%	21.09%	21.28%	21.48%
Power Tolerance	0~+5					
Temperature Coefficient Of Pmax	-0.350%/°C					
Temperature Coefficient Of Voc	-0.274%/°C					
Temperature Coefficient Of Isc	0.044%/°C					

Standard Test Environment

Irradiance 1000W/m², cell temperature 25°C, spectrum AM1.5