

DHM72T31-TP

555-585W

High efficiency N-type 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-N-type
Component Weight	28kg
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 Fuse Current Rating	25A
Application Level	ClassA

ELECTRICAL PERFORMANCE PARAMETERS UNDER STC

	DHM72T31- 555/TP	DHM72T31- 560/TP	DHM72T31- 565/TP	DHM72T31- 570/TP	DHM72T31- 575/TP	DHM72T31- 580/TP	DHM72T31- 585/TP
Maximum Power (Pmax) [W]	555	560	565	570	575	580	585
Voltage at Maximum Power Point (Vmp) [V]	42.95	43.25	43.55	43.85	44.15	44.45	44.75
Current at Maximum Power Point (Imp) [A]	12.92	12.95	12.97	13.00	13.02	13.05	13.07
Open Circuit Voltage (Voc) [V]	50.10	50.30	50.50	50.70	50.90	51.10	51.30
Short Circuit Current (Isc) [A]	14.01	14.07	14.13	14.19	14.25	14.31	14.37
Component Efficiency [%]	21.48%	21.67%	21.86%	22.06%	22.25%	22.44%	22.64%
Power Tolerance	0~+5						
Temperature Coefficient of Pmax	-0.29%/°C						
Temperature Coefficient of Voc	-0.25%/°C						
Temperature Coefficient of Isc	0.044%/°C						
Standard Test Environment	Irradiance 1000W/m ² , cell temperature 25°C, spectrum AM1.5						

