

DHM54D35-TP

425-450W

High performance N-Type double glass bifacial solar module



30 YEAR LINEARITY
POWER
OUTPUT WARRANTY



25 YEARS OF EXCELLENT
PRODUCTS MATERIAL
AND PROCESS WARRANTY



ISO 9001: Quality Management System
ISO 45001: Occupational Health And Safety
Management System
IEC 61215, IEC 61730

MECHANICAL PROPERTIES

Cell Type	Monocrystalline-N-type
Component Weight	22kg
Component Size	1762x1134x30mm
Number of Cells	108(6x18)
Cable Cross-Sectional Area	4mm ²
Junction Box	IP68, 3 diodes
Connector	MC4-EVO2
Packaging Information	36 pcs/pallet/216Pcs per 20'GP 936 pcs per 40'HC

WORKING PARAMETERS

Maximum System Voltage	1500V (TUV)
Operating Temperature	-40°C~+ 85°C
Maximum Series Fuse Rating	25A
Application Level	Class A

ELECTRICAL PERFORMANCE PARAMETERS UNDER STC

Model	DHM54D35-425/TP	DHM54D35-430/TP	DHM54D35-435/TP	DHM54D35-440/TP	DHM54D35-445/TP	DHM54D35-450/TP
Maximum Power (Pmax/W)	425	430	435	440	445	450
Voltage at Maximum Power Point (Vmp/V)	32.15	32.35	32.55	32.75	32.95	33.15
Current at Maximum Power Point (Imp/A)	13.22	13.29	13.36	13.44	13.51	13.57
Open Circuit Voltage (Voc/V)	37.35	37.55	37.75	37.95	38.15	38.35
Short Circuit Current (Isc/A)	13.94	14.01	14.08	14.15	14.21	14.28
Component Efficiency [%]	21.27%	21.52%	21.77%	22.02%	22.27%	22.52%
Power Tolerance (W)	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/m ² , cell temperature 25°C, spectrum AM1.5					

