

DHM54D35-TP

415-440W

High performance N-type 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	DHM54D35-415/TP	DHM54D35-420/TP	DHM54D35-425/TP	DHM54D35-430/TP	DHM54D35-435/TP	DHM54D35-440/TP
Maximum power (Pmax/W)	415	420	425	430	435	440
Voltage at maximum power point (Vmp/V)	31.75	31.95	32.15	32.35	32.55	32.75
Current at maximum power point (Imp/A)	13.07	13.15	13.22	13.29	13.36	13.44
Open circuit voltage (Voc/V)	36.95	37.15	37.35	37.55	37.75	37.95
Short circuit current (Isc/A)	13.81	13.88	13.94	14.01	14.08	14.15
Component efficiency [%]	21.25%	21.51%	21.76%	22.02%	22.28%	22.53%
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/m², cell temperature 25°C, spectrum AM1.5

