

ALL BLACK
Mono Half-cut PERC Module
ORM54T35MR
395~415W



Adopting multi-main shed (MBB)
half-sheet technology



Anti-PID performance



Excellent low light power
generation performance



Load 2400 Pa at the back
5400 Pa at the front



**COMPREHENSIVE PRODUCTS
& SYSTEM CERTIFICATES**

IEC 61215 / IEC 61730 / CE / JPEA / FIDE / INMETRO

ISO 45001:

2018/International standards for occupational health & safety

ISO 14001:

2015/Standards for environmental management system

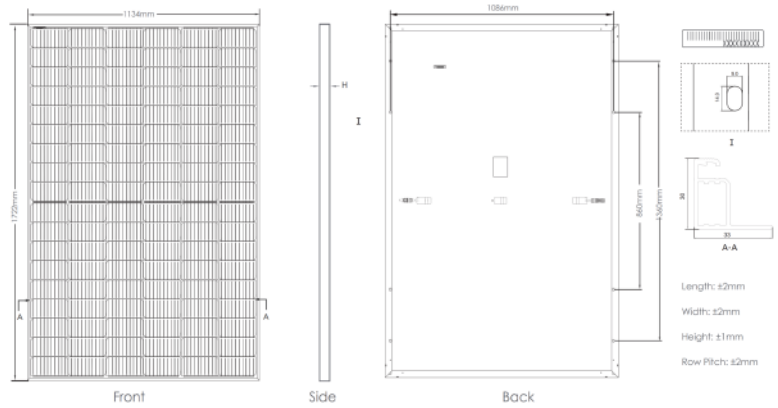
ISO 9001:

2015/Quality management system



MECHANICAL PARAMETERS

Cell type	Monocrystalline
Weight	21kg
Module dimension	1722*1134*35mm
Number of cells	108 (6*18)
Cable	4mm ²
Junction box	IP68, 3 diodes
Connector	MC4 compatible connector
Packaging	36 pieces per pallet 936pcs/40HQ Container

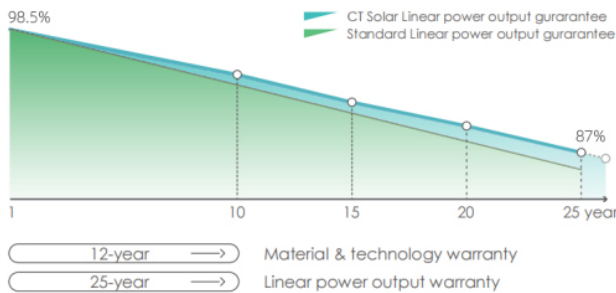


ELECTRICAL PERFORMANCE

STC: AM1.5 1000W/m² 25 °C Power tolerance : 0~±5W NOCT: AM1.5 800W/m² 20 °C 1m/s

Model	ORM54T35-395/MR		ORM54T35-400/MR		ORM54T35-405/MR		ORM54T35-410/MR		ORM54T35-415/MR	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum power (W)	395	294	400	298	405	301	410	305	415	309
Voltage at maximum power point (VMP/V)	30.71	28.70	31.01	28.99	31.31	29.29	31.60	29.60	31.89	29.88
Current at maximum power point (IMP/A)	12.86	10.24	12.90	10.27	12.94	10.29	12.97	10.31	13.01	10.33
Open circuit voltage (VOC/V)	36.72	34.71	37.24	34.94	37.24	35.14	37.50	35.35	37.73	35.55
Short circuit current (ISC/A)	13.67	11.37	13.75	11.43	13.81	11.50	13.88	11.58	13.95	11.65
Component efficiency (%)	20.23%		20.48%		20.74%		21.00%		21.25%	

SUPERIOR WARRANTY



WORKING PARAMETERS

Maximum system voltage	1500V (TUV)
Operating temperature	-40 °C~+85 °C
Maximum series fuse rating	25A
Maximum static load, front side	5400pa
Maximum static load, back side	2400pa
Nominal battery operating temperature	45±2 °C
Application level	ClassA

CHARACTERISTICS

415W

