



TO MAKE A BETTER LIFE

ORM66T50MR 650~670W

Mono Half-cut PERC Module

- 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

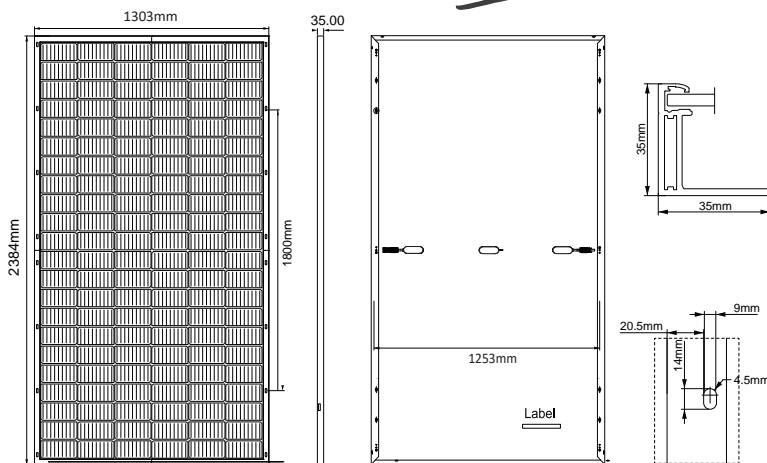
OREE SOLAR



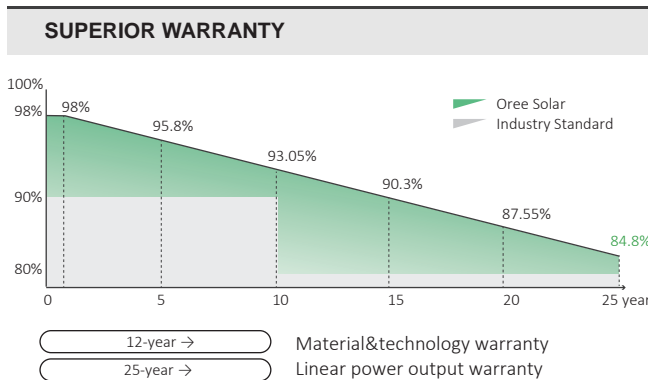
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MECHANICAL PARAMETERS	
Cell type	Monocrystalline
Weight	32.9kg
Module dimension	2384*1303*35mm
Number of cells	132 (6*22)
Cable	4mm ²
Junction box	IP68, 3 diodes
Connector	MC4 compatible connector
Packaging	31 pieces per pallet 558pcs/40'HQ Container



ELECTRICAL PERFORMANCE	STC: AM1.5 1000W/m ² 25 C				NOCT: AM1.5 800W/m ² 20 C 1m/s					
	Model	ORM66T50-650/MR	ORM66T50-655/MR	ORM66T50-660/MR	ORM66T50-665/MR	ORM66T50-670/MR	ORM66T50-670/MR	ORM66T50-670/MR		
Type	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum power (W)	650	492	655	495	660	499	665	503	670	507
Voltage at maximum power point (VMP/V)	37.51	34.70	37.67	34.79	37.83	34.95	38.00	35.13	38.16	35.29
Current at maximum power point (IMP/A)	17.33	14.18	17.39	14.23	17.45	14.28	17.50	14.32	17.56	14.37
Open circuit voltage (VOC/V)	45.34	42.17	45.49	42.31	45.64	42.45	45.80	42.60	45.97	42.76
Short circuit current (ISC/A)	18.38	15.04	18.44	15.09	18.50	15.14	18.55	15.18	18.61	15.23
Component efficiency (%)	20.92%		21.09%		21.25%		21.41%		21.57%	
Power tolerance	0~+5W									
Temperature Coefficient of Isc(α _{Isc})	+0.04%/C									
Temperature Coefficient of Voc(β _{Voc})	-0.25%/C									
Temperature Coefficient of Pmax(γ _{Pmp})	-0.34%/C									



WORKING PARAMETERS

Maximum system voltage	1500V (TUV)
Operating temperature	-40 C~+85 C
Maximum series fuse rating	30A
Maximum static load, front side	5400pa
Maximum static load, back side	2400pa
Nominal battery operating temperature	44±2 C
Application level	ClassA

