



TO MAKE A BETTER LIFE

# ORM72T20MR 370~390W

Mono Full Cell PERC Module

- Adopting multi-main shed (MBB) 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

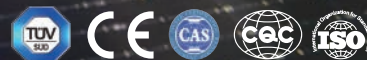
ISO 14001:

2015/Standards for environmental management system

ISO 9001:

2015/Quality management system

**OREE SOLAR**

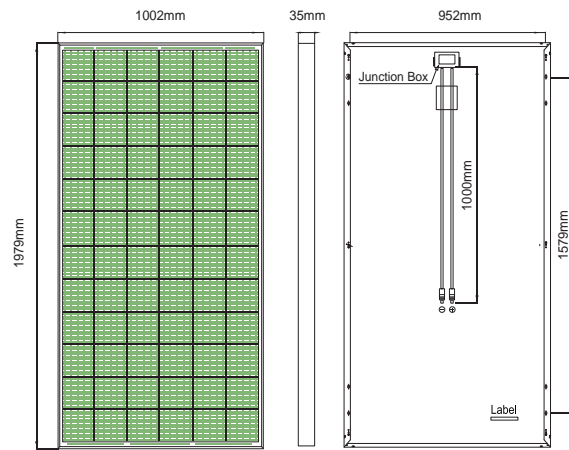


# ORM72T20MR370~390W



## MECHANICAL PARAMETERS

Cell type	Monocrystalline
Weight	22kg
Module dimension	1979*1002*35mm
Number of cells	72 (6*12)
Cable	4mm <sup>2</sup>
Junction box	IP68, 3 diodes
Connector	MC4 compatible connector
Packaging	37 pieces per pallet 780pcs/40'HQ Container

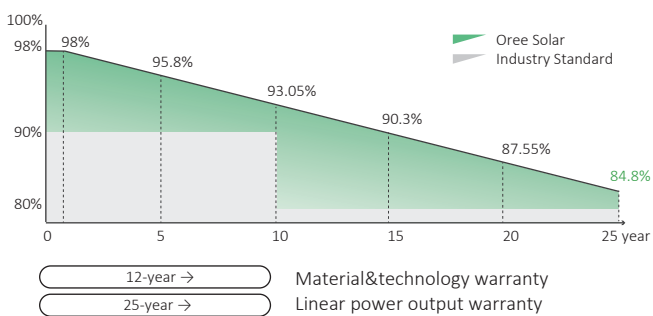


## ELECTRICAL PERFORMANCE

STC: AM1.5 1000W/m<sup>2</sup> 25°C      NOCT: AM1.5 800W/m<sup>2</sup> 20°C 1m/s

Model	ORM72T20-370/MR		ORM72T20-375/MR		ORM72T20-380/MR		ORM72T20-385/MR		ORM72T20-390/MR	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum power (W)	370	276	375	279	380	283	385	287	390	291
Voltage at maximum power point (VMP/V)	39.40	36.30	39.60	36.50	39.80	36.70	40.00	36.90	40.20	37.10
Current at maximum power point (IMP/A)	9.40	7.61	9.47	7.65	9.55	7.72	9.63	7.78	9.70	7.85
Open circuit voltage (VOC/V)	48.00	44.50	48.20	44.70	48.40	44.90	48.60	45.10	48.80	45.30
Short circuit current (ISC/A)	9.85	7.98	9.92	8.04	9.99	8.09	10.06	8.15	10.13	8.21
Component efficiency (%)	18.66%		18.91%		19.16%		19.42%		19.67%	
Power tolerance	0~+5W									
Temperature Coefficient of Isc(α <sub>Isc</sub> )	+0.05%/C									
Temperature Coefficient of Voc(β <sub>Voc</sub> )	-0.275%/C									
Temperature Coefficient of Pmax(γ <sub>Pmp</sub> )	-0.350%/C									

## SUPERIOR WARRANTY



## WORKING PARAMETERS

Maximum system voltage	1000/1500V (TUV)
Operating temperature	-40°C~+85°C
Maximum series fuse rating	15A
Maximum static load, front side	5400pa
Maximum static load, back side	2400pa
Nominal battery operating temperature	44±2°C
Application level	ClassA

## CHARACTERISTICS

