



TO MAKE A BETTER LIFE

ORM36T20MR

150W

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

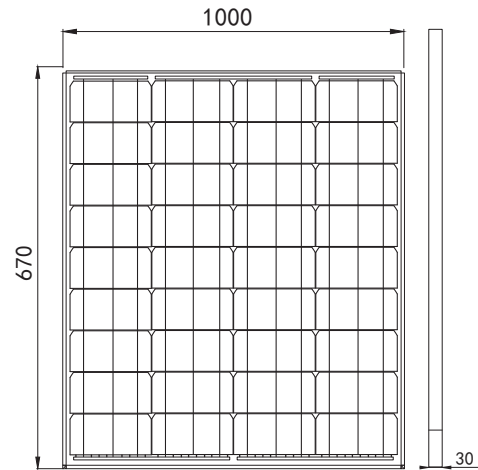
OREE SOLAR



ORM36T20MR150W

MECHANICAL PARAMETERS

Cell type	Monocrystalline
Weight	9.0kg
Module dimension	1480*670*30mm
Cell Amount	36(4*9)
Cable	4mm ²
Junction box	IP68 diodes
Connector	MC4 compatible connector
Packaging	36 pieces per pallet



ELECTRICAL PERFORMANCE

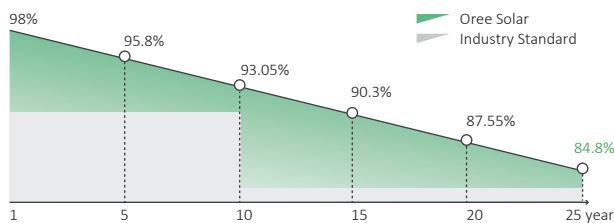
Model	ORM36T20-150/MR
Standard	STC
Maximum power (W)	150
Voltage at maximum power point (VMP/V)	18.10
Current at maximum power point (IMP/A)	8.29
Open circuit voltage (VOC/V)	21.70
Short circuit current (ISC/A)	8.54

TEMPERATURE CHARACTERISTICS

Power tolerance	0~+5W
Max.Power Temp.	-(0.5±0.05)%/°C
Open circuit Voltage Temp	-(160±10)mV/°C
Shot circuit current Temp	(0.065±0.015)%/°C

*Under Standard Test Conditions (STC) of irradiance of 1000 W/m², spectrum AM 1.5 and cell temperature of 25°C.

SUPERIOR WARRANTY



- 12-year → Material&technology warranty
- 25-year → Linear power output warranty

WORKING PARAMETERS

Maximum system voltage	1000V (TUV)
Operating temperature	-45 C ~+85 C
Maximum series fuse rating	15A
Maximum static load, front side	5400pa
Maximum static load, back side	2400pa
Operating temperature	44±2 C
Application level	ClassA