



TO MAKE A BETTER LIFE

ORM66D55MR 650~660W

ALL BLACK PERC Bifacial

- 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:

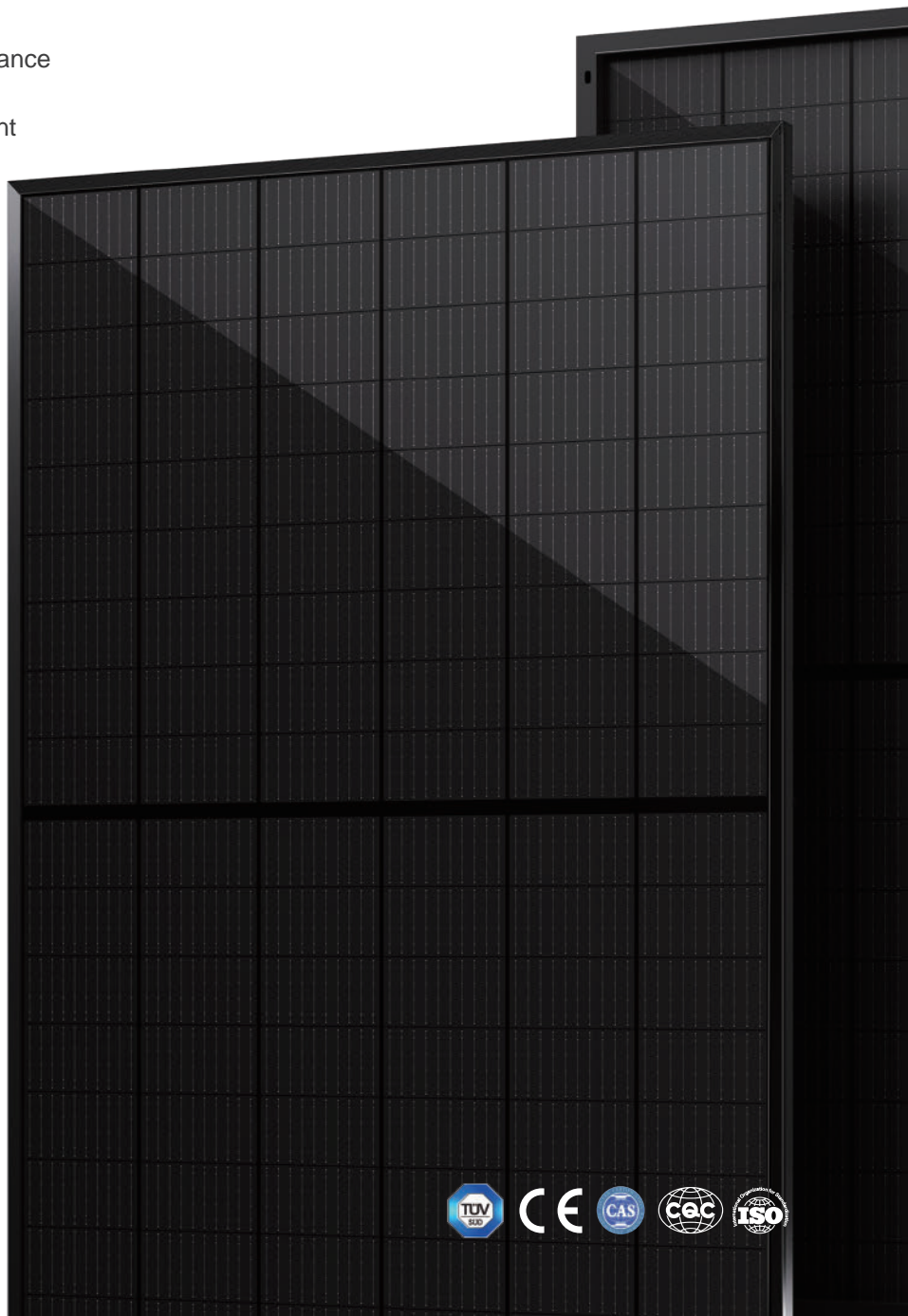
2018/International standards for occupational health & safety

ISO 14001:

2015/Standards for environmental management system

ISO 9001:

2015/Quality management system



ORM66D55MR650~660W

OREE Pro

MECHANICAL PARAMETERS

Cell type	Monocrystalline
Weight	38kg
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

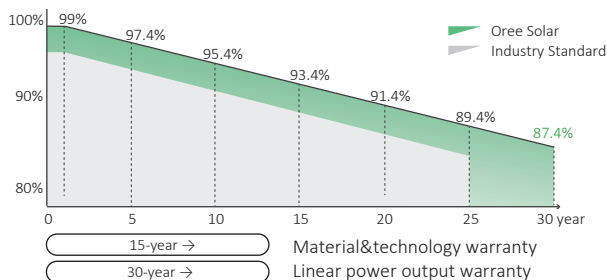
STC: AM1.5 1000W/m² 25 °C NOCT: AM1.5 800W/m² 20 °C 1m/s

Model	ORM66D55-650MR		ORM66D55-655MR		ORM66D55-660MR	
	STC	NOCT	STC	NOCT	STC	NOCT
Type						
Maximum power (W)	650	492	655	495	660	499
Voltage at maximum power point (VMP/V)	38.10	34.70	38.30	34.79	38.50	34.95
Current at maximum power point (IMP/A)	17.07	14.18	17.11	14.23	17.15	14.28
Open circuit voltage (VOC/V)	45.60	42.17	45.80	42.31	46.00	42.45
Short circuit current (ISC/A)	17.83	15.04	17.87	15.09	17.91	15.14
Component efficiency (%)	20.92%		21.09%		21.25%	
Power tolerance	0~+3%					
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					

BIFACIAL OUTPUT-REAR SIDE POWER GAIN

Gain	Parameter	ORM66D55-650MR	ORM66D55-655MR	ORM66D55-660MR
5%	Maximum Power (Pmax)	683Wp	688Wp	693Wp
	Module Efficiency STC (%)	24.13%	24.31%	24.49%
15%	Maximum Power (Pmax)	748Wp	753Wp	759Wp
	Module Efficiency STC (%)	26.43%	26.61%	26.82%

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	44±2 °C
Application level	Class A

CHARACTERISTICS

