



High Power Output
Low LCOE



Maximum Power
740W+

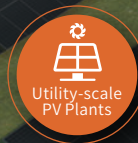


TWMNF

N-type Half-cell
Bifacial Module(66)

66HD720-740W

<https://en.tongwei.cn/>



Utility-scale
PV Plants



12
YEAR
Materials
Warranty

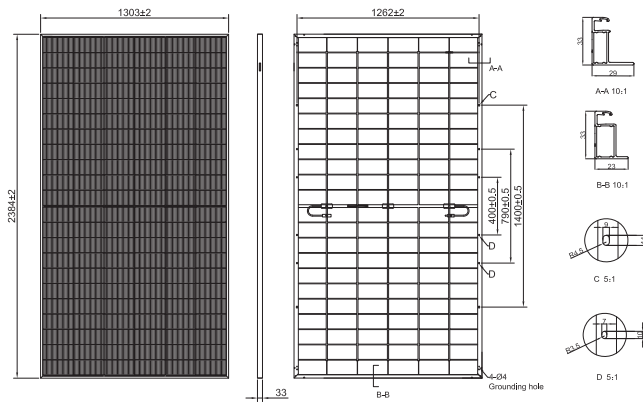


30
YEAR
Power
Warranty



Learn More

Drawings (Unit: mm)



Mechanical Parameters

Cell Type	TNC2.0 (N Type Monocrystalline Cell)
Cell Orientation	132[6×22]
Dimensions	2384±2×1303±2×33mm
Weight	37.3kg
Front Glass	2.0mm AR coating semi tempered glass
Rear Glass	2.0mm semi tempered glass
Frame	Anodized aluminum alloy frame
Junction Box	IP68, 3 diodes
Cable	4.0mm ²
Cable length	+400mm,-200mm or ±1400mm,length can be customized
Wind/Snow load	2400Pa/5400Pa
Per pallet	33 pcs
Packaging	594 pcs per 40'HC

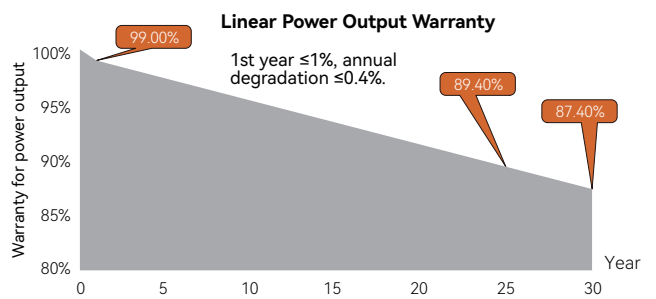
Electrical Characteristics (STC)

Module type: TWMNF-66HDXXX

Maximum Power: Pmax [W]	720	725	730	735	740
Open Circuit Voltage: Voc [V]	49.28	49.45	49.55	49.65	49.80
Short Circuit Current: Isc [A]	18.55	18.60	18.68	18.75	18.81
Voltage at Maximum Power: Vmp [V]	41.03	41.20	41.37	41.53	41.69
Current at Maximum Power: Imp [A]	17.55	17.60	17.65	17.70	17.75
Module Efficiency: η [%]	23.2	23.3	23.5	23.7	23.8

* STC: Irradiance 1000W/m², Cell temperature 25°C, AM=1.5, Power measurement tolerance: ±3%

Linear Warranty



Electrical characteristics with different rear side power gain

5%	Maximum Power: Pmax[W]	756	761	766	771	777
	Module Efficiency: η [%]	24.3	24.5	24.7	24.8	25.0
15%	Maximum Power: Pmax[W]	828	833	839	845	851
	Module Efficiency: η [%]	26.7	26.8	27.0	27.2	27.4
25%	Maximum Power: Pmax[W]	900	906	912	918	925
	Module Efficiency: η [%]	29.0	29.2	29.4	29.6	29.8

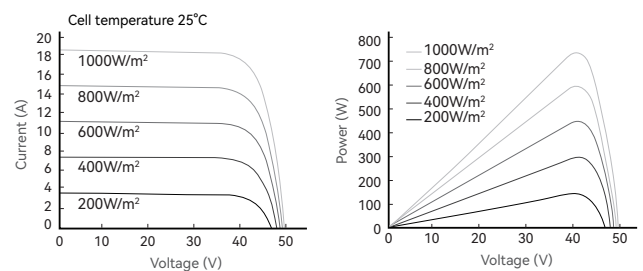
Temperature Rating

Temperature Coefficient of Pmax	-0.28%/°C
Temperature Coefficient of Voc	-0.24%/°C
Temperature Coefficient of Isc	+0.046%/°C

Operating Parameters

Operating Temperature	-40°C~+85°C
Maximum System Voltage	1500V DC
Maximum Series Fuse Rating	35A
Power Output Tolerance	0~+3%
Bifaciality	80±5%

I-V Curve



Certifications

Quality Management System and Product Certification

- ISO 9001: 2015/Quality management systems
- ISO 14001: 2015/Environmental management systems
- ISO 45001: 2018/Occupation health and safety management systems
- ISO 50001: 2018/Energy management systems
- IEC 62941: 2019/Quality system for PV module manufacturing
- IEC 61215 / IEC 61730, IEC 62804(PID), IEC 61701(Salt), IEC 62716 (Ammonia), IEC 60068-2-68(Sand)

