



High Power Output
Low LCOE 

Maximum Power
725W+ 

TWMNF

N-type Half-cell
Bifacial Module(66)

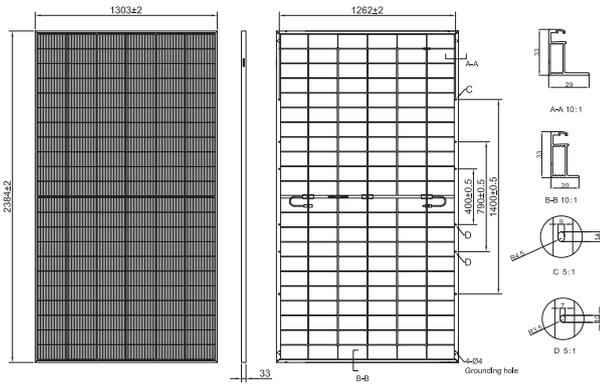
66HD700-725W

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



Learn More

Drawings (Unit: mm)



Electrical Characteristics (STC)

Module type: TWMNF-66HDXXX

Maximum Power: Pmax [W]	700	705	710	715	720	725
Open Circuit Voltage: Voc [V]	48.60	48.77	48.94	49.11	49.28	49.45
Short Circuit Current: Isc [A]	18.35	18.40	18.45	18.50	18.55	18.60
Voltage at Maximum Power: Vmp [V]	40.35	40.52	40.69	40.86	41.03	41.20
Current at Maximum Power: Imp [A]	17.35	17.40	17.45	17.50	17.55	17.60
Module Efficiency: η [%]	22.5	22.7	22.9	23.0	23.2	23.3

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

Electrical characteristics with different rear side power gain

5%	Maximum Power: Pmax[W]	735	740	745	750	756	761
	Module Efficiency: η [%]	23.7	23.8	24.0	24.1	24.3	24.5
15%	Maximum Power: Pmax[W]	805	810	816	822	828	833
	Module Efficiency: η [%]	25.9	26.1	26.3	26.5	26.7	26.8
25%	Maximum Power: Pmax[W]	875	881	887	893	900	906
	Module Efficiency: η [%]	28.2	28.4	28.6	28.7	29.0	29.2

Temperature Rating

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

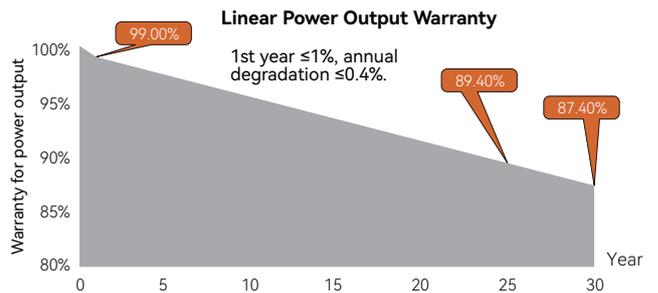
Operating Parameters

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

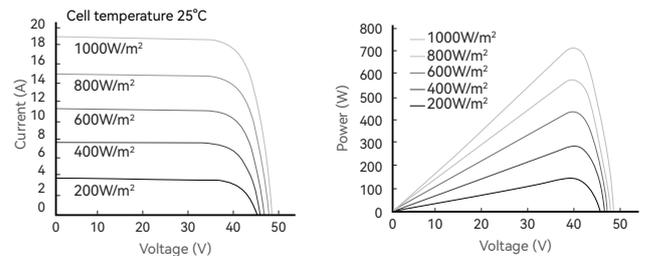
Mechanical Parameters

Cell Type	TNC (N Type Monocrystalline Cell)
Cell Orientation	132[6×22]
Dimensions	2384±2×1303±2×33mm
Weight	37.9kg
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

Linear Warranty



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)

