



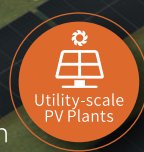
High Power Output
Low LCOE 

Maximum Power
715W+ 

TWMNF

N-type Half-cell
Monofacial Module (66)

66HS695-715W

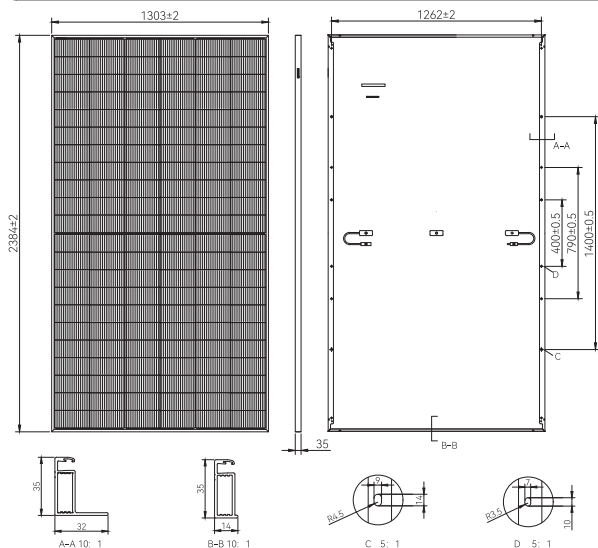


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DRAWINGS (Unit: mm)



ELECTRICAL CHARACTERISTICS (STC)

Module Type: TWMNF-66HSXXX					
Maximum Power: Pmax [W]	695	700	705	710	715
Open Circuit Voltage: Voc [V]	47.90	48.10	48.30	48.50	48.70
Short Circuit Current: Isc [A]	18.40	18.44	18.48	18.52	18.56
Voltage at Maximum Power: Vmp [V]	40.10	40.30	40.50	40.70	40.90
Current at Maximum Power: Imp [A]	17.34	17.38	17.41	17.45	17.49
Module Efficiency: η [%]	22.4	22.5	22.7	22.9	23.0

* STC: Irradiance 1000W/m², Cell Temperature 25°C, Air Mass1.5, Measuring Tolerance: ±3%

ELECTRICAL CHARACTERISTICS (NMOT)

Maximum Power: Pmax [W]	523	526	530	534	538
Open Circuit Voltage: Voc [V]	45.51	45.70	45.89	46.08	46.27
Short Circuit Current: Isc [A]	14.86	14.89	14.92	14.95	14.98
Voltage at Maximum Power: Vmp [V]	37.36	37.50	37.70	37.90	38.11
Current at Maximum Power: Imp [A]	14.00	14.03	14.06	14.09	14.12

* NMOT: Irradiance 800W/m², Ambient Temperature 20°C, Air Mass1.5, Wind Speed 1m/s

TEMPERATURE PARAMETERS

Temperature Coefficient (Pmax)	-0.30%/°C
Temperature Coefficient (Voc)	-0.25%/°C
Temperature Coefficient (Isc)	+0.046%/°C
NMOT	45±2°C

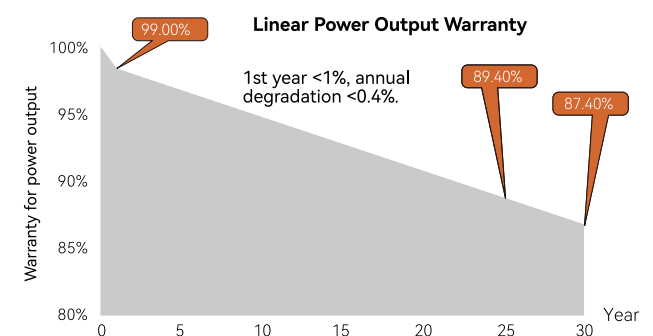
MAXIMUM RATINGS

Operational Temperature	-40°C~+85°C
Maximum System Voltage	1500V DC
Maximum Series Fuse Rating	30A
Power Output Tolerance	0~+5W

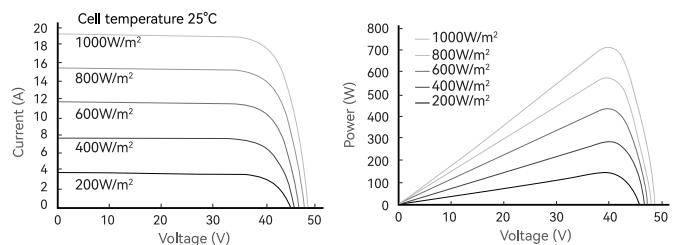
MECHANICAL PARAMETERS

Cells	TNC (N Type Monocrystalline Cell)
Cell Orientation	132[6×22]
Dimension	2384±2×1303±2×35mm
Weight	34.2kg
Front Glass	3.2mm high transmittance, AR coated tempered glass
Backsheet	White
Frame	Anodized aluminum alloy frame
Junction Box	IP68, 3 diodes
Output Cable	4.0mm ²
Cable Length	+400mm, -200mm, length can be customized
Wind/Snow Load	2400Pa/5400Pa
Packaging	31pcs per pallet, 558pcs per 40'HC

WARRANTY



I-V CURVE



CERTIFICATIONS

Quality Management System and Product Certification

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

