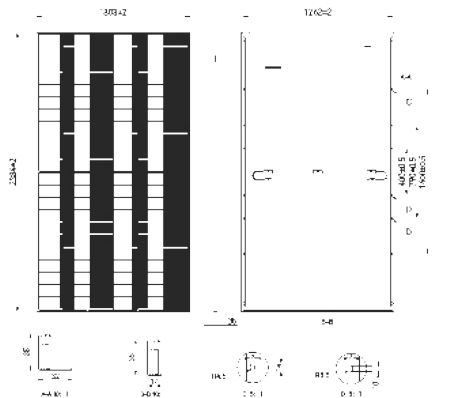




TWMNF N-type Half-cell Monofacial Module (66)

66HS700-720W

DRAWINGS (Unit: mm)



ELECTRICAL CHARACTERISTICS (STC)

Module Type: TWMNF-66HSXXX					
Maximum Power: Pmax [W]	700	705	710	715	720
Open Circuit Voltage: Voc [V]	48.10	48.75	48.92	49.09	49.27
Short Circuit Current: Isc [A]	18.44	18.46	18.48	18.50	18.54
Voltage at Maximum Power: Vmp [V]	40.30	40.46	40.62	40.79	40.96
Current at Maximum Power: Imp [A]	17.38	17.43	17.43	17.55	17.58
Module Efficiency: η [%]	22.5	22.7	22.9	23.0	23.2

* STC: Irradiance 1000W/m², Cell Temperature 25°C, Air Mass 1.5

ELECTRICAL CHARACTERISTICS (NMOT)

Maximum Power: Pmax [W]	526	530	534	538	541
Open Circuit Voltage: Voc [V]	45.70	46.31	46.47	46.64	46.81
Short Circuit Current: Isc [A]	14.89	14.90	14.92	14.94	14.97
Voltage at Maximum Power: Vmp [V]	37.60	37.67	37.85	38.03	38.13
Current at Maximum Power: Imp [A]	14.03	14.07	14.11	14.16	14.19

* NMOT: Irradiance 800W/m², Ambient Temperature 20°C, Air Mass 1.5, Wind Speed 1m/s

TEMPERATURE PARAMETERS

Temperature Coefficient (Pmax)	-0.28%/°C
Temperature Coefficient (Voc)	-0.24%/°C
Temperature Coefficient (Isc)	+0.046%/°C
NMOT	45±2°C

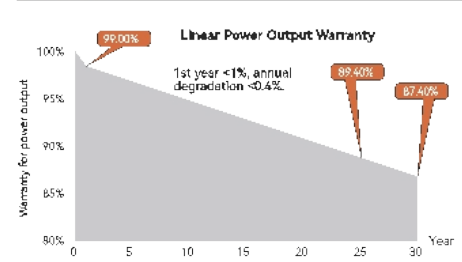
MAXIMUM RATINGS

Operational Temperature	-40°C~+85°C
Maximum System Voltage	1500V DC
Maximum Series Fuse Rating	30A
Power Output Tolerance	0~+3%

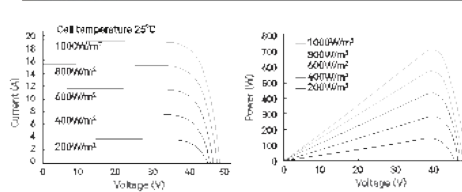
MECHANICAL PARAMETERS

Cells	TMC (N Type Monocrystalline Cell)
Cell Orientation	132(a×22)
Dimension	2384±2×1303±2×35mm
Weight	32.1kg
Front Glass	3.2mm high transmittance, AR coated tempered glass
Backsheet	White
Frame	Anodized aluminum alloy frame
Junction Box	IP68, 3 diodes
Output Cable	4.0mm²
Cable Length	+400mm, -200mm, or ±1400mm, 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/Occupational health safety management system
ISO 50001: 2018/Energy management system
IEC 62941: 2017/Quality system for PV module manufacturing
IEC 61215/61730, IEC 62904(PID), IEC 61701(Salt), IEC 62716 (Ammonia), IEC 60068-2-68(Sand)