

MONO TW355MW-72 Series Component Specifications

ELECTRICAL DATA (STC)								
Maximum Power-PMAX (Wp)	355	350	345	340	335	330	325	320
Maximum Power Voltage-VMPP (V)	355	350	345	340	335	330	325	320
Open Circuit Voltage-VOC (V)	47.1	46.9	46.7	46.5	46.3	46.1	45.9	45.7
Short Circuit Current-ISC (A)	9.68	9.6	9.52	9.44	9.36	9.28	9.20	9.12
Maximum Power Voltage-VMPP (V)	38.8	38.6	38.4	38.2	38.0	37.7	39	37.3
Maximum Power Current-IM (A)	9.15	9.10	9.02	8.91	8.83	8.75	8.67	8.59
Module Efficiency (%)	18.3	18.1	17.8	17.6	17.3	17	16.8	16.5
ELECTRICAL DATA (NOCT)								
Maximum Power-PMAX (Wp)	264	261	258	255	252	249	246	243
Open Circuit Voltage-VOC (V)	43.8	43.6	43.4	43.2	43.0	42.7	42.4	42.1
Short Circuit Current-ISC (A)	7.84	7.78	7.72	7.66	7.60	7.54	7.48	7.42
Maximum Power Voltage-VMPP (V)	35.8	35.6	35.4	35.2	35	34.8	34.6	34.4
Maximum Power Current-IM (A)	7.37	7.33	7.29	7.24	7.20	7.16	7.11	7.06

Description:

1. STC: Irradiance 1000W / m²; AM 1.5; Ambient temperature 25 °C; Test according to EN 60904-3;
2. NOCT: Irradiance 800W / m²; Wind speed 1 m / s; Battery temperature 45 °C; Ambient temperature 20 °C.
3. Pm Tolerance: 0 ~ + 5%, Power Test Uncertainty: ± 3%. ± 5% of test tolerance for Voc [V], Isc [A], Vm [V] and Im [A].

MECHANICAL DATA

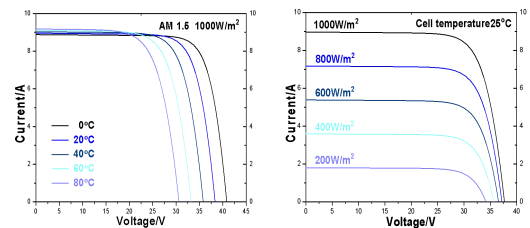
Module Dimensions	1656×990×40 mm (L×W×H)
Weight	27.5 kg
Glass	Ultra-white embossed steel, 4.0 mm
Packaging materials	EVA
Solar Cells	Multicrystalline 156.75 × 156.75 mm (6 inches), 6×12
Backsheet	High weather resistance composite membrane
Frame	Anodized Aluminium Alloy
J-Box	13A, IP67, TUV&UL
Cables	Photovoltaic Technology Cable 4.0mm ² (0.006 inches ²), 1000 mm (39.4 inches)
Connector	MC4 compatible

TEMPERATURE RATINGS

NOCT	45°C (±2°C)
Temperature Coefficient of VOC	-0.32%/°C
Temperature Coefficient of ISC	0.045%/°C
Temperature Coefficient of PMAX	-0.41%/°C

MAXIMUM RATINGS

Maximum System Voltage	DC 1500/1000(IEC); DC 1000(UL)
Max Series Fuse Rating	20
Max positive static load [Pa]	5,400
Operational Temperature	- 40 to + 85
Resist hail performance	max diameter45 mm Impact speed 30.7 m·s ⁻¹

I-V CURVES

OTHER DATA

Package	26 pieces / box; 624 pieces / 40 'cabinet ; 832 pieces /
Warranty	10 years of product material and process warranty 25 year linear power output warranty

BLUEPRINT

