



Normal SERIES

HTM380~395MA2-72

Monocrystalline Silicon PV Module



ANTI-PID CHARACTERISTICS

Ensure large-scale production monocrystalline modules pass PID test



LOW-LIGHT PERFORMANCE

High-transmittance glass and surface texturing allows for excellent performance in low-light environment



LOAD CAPACITY

Certified to withstand: wind load (2400 Pascal) and snow load (5400 Pascal)



HARSH ENVIRONMENT ADAPTATION

High salt mist and ammonia resistance certified by TUV

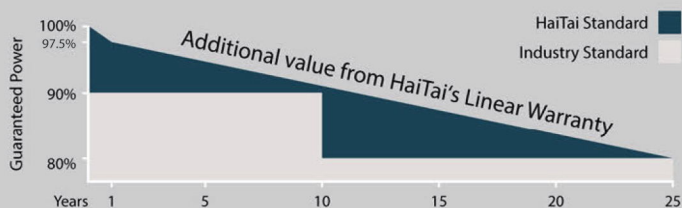


FIREPROOF CAPABILITY

Pass fireproof test

LINEAR PERFORMANCE WARRANTY

12 year Product Warranty / 25 year Linear Power Warranty



Mechanical Data

Cell Type	158.75x158.75mm Mono
Cell	72(6x12)
Module Dimension	1979x1002x40mm
Weight	22.0kg
Glass	3.2mm high transmittance, reinforced glass
Backsheet	Anti-aging film
Frame Material	Anodized aluminum alloy
Junction Box	Protection class IP67
Cable	4.0mm ² photovoltaic special cable
Connector	MC4 compatible connector

HTM380~395MA2-72

Monocrystalline Silicon PV Module

Electrical Data (STC)

Maximum Power (P _{max} /W)	380	385	390	395
Voltage at Maximum Power (V _{mp} /V)	40.01	40.24	40.47	40.69
Current at Maximum Power (I _{mp} /A)	9.50	9.57	9.64	9.71
Open Circuit Voltage (V _{oc} /V)	48.10	48.40	48.69	48.97
Short Circuit Current (I _{sc} /A)	10.00	10.07	10.14	10.21
Module Efficiency (%)	19.16	19.42	19.67	19.92

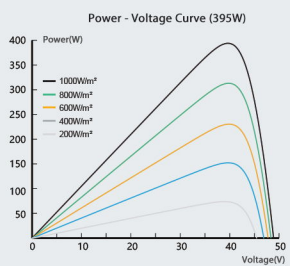
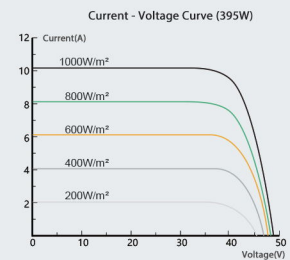
Electrical Data (NMOT)

Maximum Power (P _{max} /W)	282	286	290	294
Voltage at Maximum Power (V _{mp} /V)	37.46	37.79	38.12	38.44
Current at Maximum Power (I _{mp} /A)	7.53	7.57	7.61	7.65
Open Circuit Voltage (V _{oc} /V)	45.49	45.91	46.33	46.73
Short Circuit Current (I _{sc} /A)	8.05	8.09	8.13	8.17

STC(Standard Testing Conditions): Irradiance 1000W/m², Cell Temperature 25°C, AM1.5

NMOT(Nominal Module Operating Temperature): Irradiance 800W/m², Ambient Temperature 20°C, Wind Speed 1m/s

I-V Curve



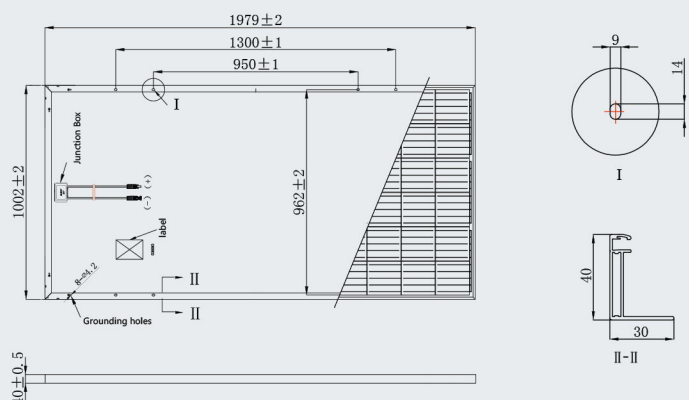
Temperature Coefficients

Temperature Coefficient (P _m)	-0.393%/°C
Temperature Coefficient (V _{oc})	-0.310%/°C
Temperature Coefficient (I _{sc})	0.041%/°C

Operating Parameters

Maximum System Voltage	1000/1500V
Operating Temperature	-40°C ~ +85°C
NMOT(Nominal Module Operating Temperature)	41 ± 3°C

Module Dimensions (mm)



Packaging

Modules per Pallet:	27+27 pcs
Modules per 40' HQ Container:	11 pallets, 594 pcs



Tangshan Haitai New Energy Technology Co., Ltd.

Add: No.88, Haomen Road, Yutian County, Tangshan City, Hebei Province, China

Te: +86-315-5051826 Email: ht@htsolargroup.com

Website: www.htsolar.com