

# INFO



12-year Warranty for Materials and Processing



30-year Warranty for Extra Linear Power Output



## Double Glass Module T96M-NM10PD-A(375-390)

### Solar Cells With PERC Technology High Efficiency MONO Solar Module

#### FEATURE

Excellent technical advantages and system design scheme to achieve high reliability, power generation effective gain and EPC cost reduction. Products can match different installation conditions, taking into account high adaptability and high compatibility. With mature support and inverter scheme, customized design for industrial and commercial and centralized ground power stations.



Advance production process  
Optimized MBB design  
Double-sided electricit generation



Superior quality control  
Full automatic production line  
ISO 9000:2015 Quality Management System  
100% three times EL and appearance inspection



Excellent power generation performance  
0~+5 positive power tolerance  
Improved low light irradiance performance



Stable mechanical performance  
Passed rigorous hail test  
Withstands 5400 Pa Snow and 2400 Pa wind loads



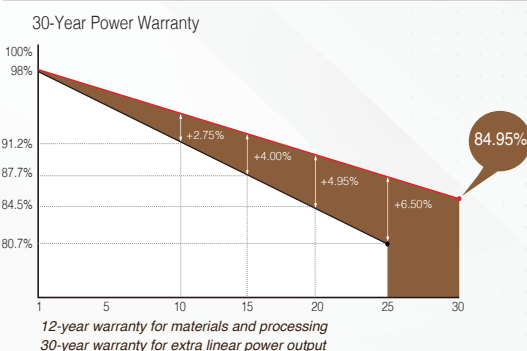
Long weather resistance  
Excellent anti- PID performance  
Certified in fireproofing for safety

#### CERTIFICATION



TUV: IEC/EN 61215, IEC/EN 61730  
GB/T 19001-2016 / ISO 9001:2015  
GB/T 24001-2016 / ISO 14001:2015  
CHSAS: 18001:2007  
CNAS-CL01: ISO/IEC 17025:2017

#### QUALITY ASSURANCE



TAMRONS ACTIVE INTERNATIONAL LIMITED

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# T96M-NM10PD-A

M10 N-type 96 Half-Cut Cell | MBB Mono PERC | White Back Sheet | Double Glass

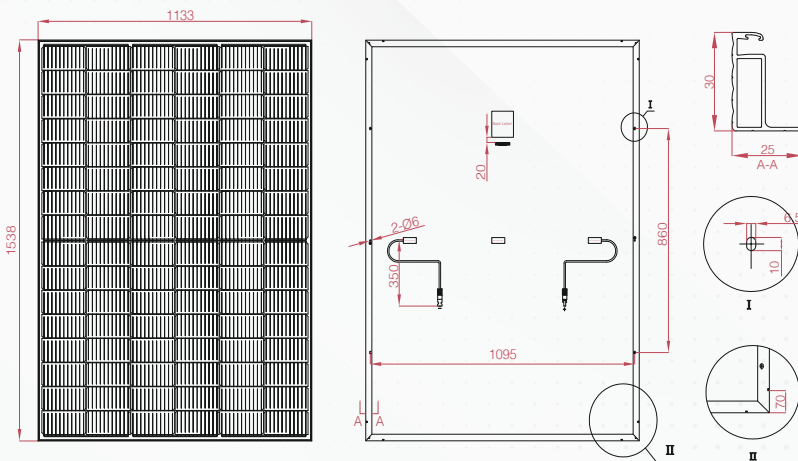


## ELECTRICAL PARAMETERS

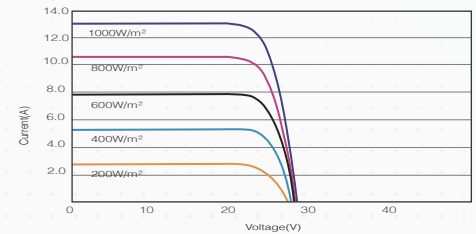
\* Measurement tolerance: Pmax:±3%, Voc:±3%, Isc:±5%.

Module Type	T96M-NM10PD-	A375	A380	A385	A390
<b>STC</b> AM1.5, 1000W/m <sup>2</sup> Cell Temperature 25°C	Max. Power at STC (Pmpp/W)	375	380	385	390
	Output Tolerance (W)	0-+5	0-+5	0-+5	0-+5
	Max. Power Voltage (Vmp/V)	28.50	28.69	28.88	29.07
	Max. Power Current (Imp/A)	13.17	13.26	13.34	13.43
	Open Circuit Voltage (Voc/V)	34.49	34.72	34.95	35.18
	Short Circuit Current (Isc/A)	13.91	14.01	14.09	14.18
	Module Efficiency (%)	21.53	21.81	22.1	22.39
<b>NOCT</b> AM1.5, 800W/m <sup>2</sup> Ambient Temperature 20°C Wind Speed 1m/s	Max. Power at NOCT (Pmpp/W)	282.90	286.67	290.44	294.21
	Max. Power Voltage (Vmp/V)	26.74	26.92	27.10	27.28
	Max. Power Current (Imp/A)	10.62	10.69	10.76	10.83
	Open Circuit Voltage (Voc/V)	32.95	33.17	33.39	33.61
	Short Circuit Current (Isc/A)	11.23	11.31	11.37	11.45

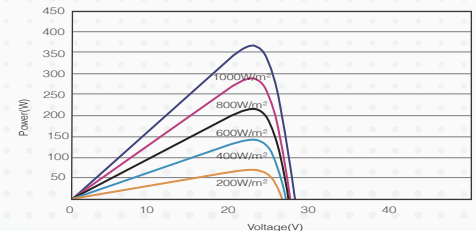
## DIMENSIONS OF PV MODULE



## I - V CURVES OF PV MODULE



## P - V CURVES OF PV MODULE



## MECHANICAL DATA

Solar Cells (mm)	182 x 91 N-type Mono PERC
Cell Orientation	96 Cells (6 x 16)
Module Dimensions (L*W*H)	1538 x 1133 x 30mm
Weight (Kg)	21.3 kg
Glass	2.0mm low-iron tempered suede glass
Backsheet	White
Frame	Silver anodized aluminum alloy
J-Box	IP68, 3 bypass diodes
Cables	Length 350mm, 1x4.0mm <sup>2</sup>
Connector	MC4 and MC4 Compatible

## TEMPERATURE RATINGS

NMOT	45°C (±2°C)
Temperature Coefficient of Pmax	-0.3%/°C
Temperature Coefficient of Voc	-0.249%/°C
Temperature Coefficient of Isc	+0.045%/°C

## MAXIMUM RATING

Operational Temperature (°C)	-40°C to +85°C
Maximum System Voltage (VDC)	1500
Max Series Fuse Rating (A)	25
Mechanical Load Front (Pa)	5,400
Mechanical Load Back (Pa)	2,400

## PACKING CONFIGURATION

Module per box: 36 Pieces

## MODULE PER CONTAINER

1008 PCs / 40'HC

CAUTION: READ SAFETY AND INSTALLATION INSTRUCTIONS BEFORE USING THE PRODUCTS.

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