



M10



Guarantee on product material and workmanship



Linear power output warranty

**Double Glass Module
NB96M-NM10PD-A(375~390)
Solar Cells With PERC Technology
High Efficiency MONO Solar Module**

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.



Mono MBB half cut technology



Production process reliability test



3 times EL test to ensure best quality



Competitive low light performance



Less mismatch to get more power



Less power loss by minimizing the shading impact

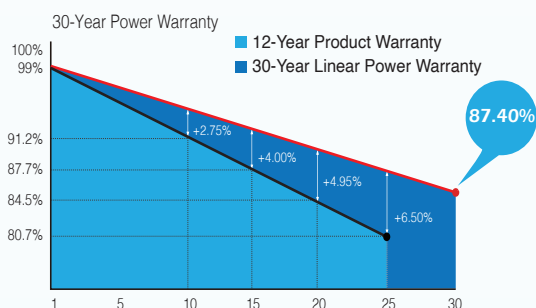


Ideal choice for utility and commercial scale projects by reduced BOS and improved ROI



Outstanding reliability proven by PVEL for stringent environment condition: Sand, Acid, Salt, Hailstones Anti-PID

QUALITY ASSURANCE



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



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NB96M-NM10PD-A

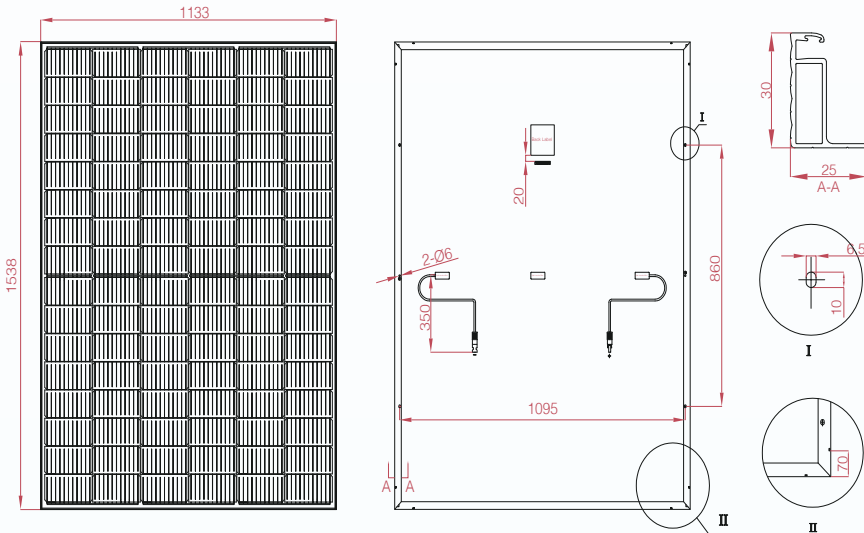
M10-96 Half-Cut Cell | MBB Mono PERC | N-Type | Double Glass Module

ELECTRICAL PARAMETERS

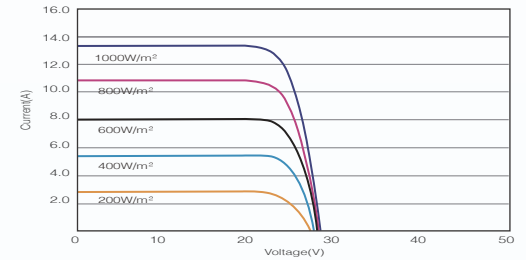
* Measurement tolerance: Pmax:±3%, Voc:±3%, Isc:±5%.

Module Type	NB96M-NM10PD-	A375	A380	A385	A390
STC AM1.5, 1000W/m ² 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
NOCT AM1.5, 800W/m ² 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

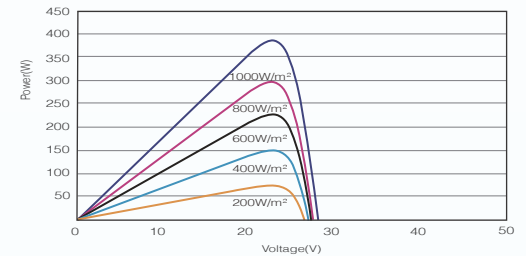
DIMENSIONS OF PV MODULE



I - V CURVES OF PV MODULE



P - V CURVES OF PV MODULE



MECHANICAL DATA

Solar Cells (mm)	182 x 91mm Mono PERC	NMOT	45°C (±2°C)
Cell Orientation	96 Cells (6 x 16)	Temperature Coefficient of Pmax	-0.3%/°C
Module Dimensions (L*W*H)	1538x1133x30mm	Temperature Coefficient of Voc	-0.249%/°C
Weight (Kg)	21.3 kg	Temperature Coefficient of Isc	+0.045%/°C
Glass	2x2.0mm Anti-Reflection Coating Heat Strengthened Glass	MAXIMUM RATING	
Backsheet	White	Operational Temperature (°C)	-40°C to +85°C
Frame	Silver anodized aluminum alloy	Maximum System Voltage (VDC)	1500
J-Box	IP68, 3 bypass diodes	Max Series Fuse Rating (A)	25
Cables	Length 350mm, 1x4.0mm ²	Mechanical Load Front (Pa)	5,400
Connector	MC4 and MC4 Compatible	Mechanical Load Back (Pa)	2,400

PACKING CONFIGURATION

Module per box: 36 Pieces

MODULE PER CONTAINER

1008 Pieces

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

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