

<sup>®</sup>  
Aacori  
m

**Aacori<sup>®</sup>**

*High Quality Solar Module Manufacturer*

**Green Technology  
Creates Golden Future**

**SOLAR PROFILE**



**BACORI**<sup>®</sup>

Solar Module Manufacturer

*Valuable Partners*

A Trustworthy Product Service Provider

**BACORI**<sup>®</sup>

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# Accori<sup>®</sup> m





### Company Vision —

To be a first-rate clean energy distributor

### Company Mission —

Create green energy, Harmonious economic services

### Company Values —

Integrity, responsibility, win-win, service, innovation

### Management Philosophy —

Innovative technology and service as the core,  
Create a more valuable future



- 
- ◆ Intelligent manufacturing of solar modules at power station level
  - ◆ OEM and channel sales services for well-known brand solar modules
  - ◆ Design and manufacture of professional grade solar modules for power station aftermarket service
  - ◆ Design and manufacture of non-standard solar modules
  - ◆ Design and manufacture of solar modules for BIPV&BAPV systems

# PRODUCTION SITE

## BACORI<sup>®</sup> Production Line BASED ON INDUSTRY 4.0

*Professional | Efficient | Intelligent | Stabilize*



The comprehensive application of advanced, efficient and stable intelligent manufacturing system in the factory enables us to provide customers with high-quality solar modules more quickly.

## SPECIFICATION TABLE

Completes System and Product Certifications

IEC61215(2016),IEC61730(2016)

ISO9001:2015: Quality Management System

ISO14001:2015: Environment Management System

ISO45001:2018: Occupational health and safety management systems



SMBB Technology



High Efficiency



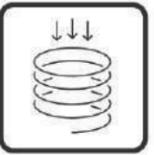
Higher power output



Higher Lifetime Power Yield



Saving BOS Cost



Severe Weather Resilience



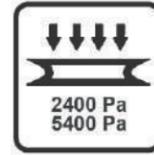
Low-light Performance



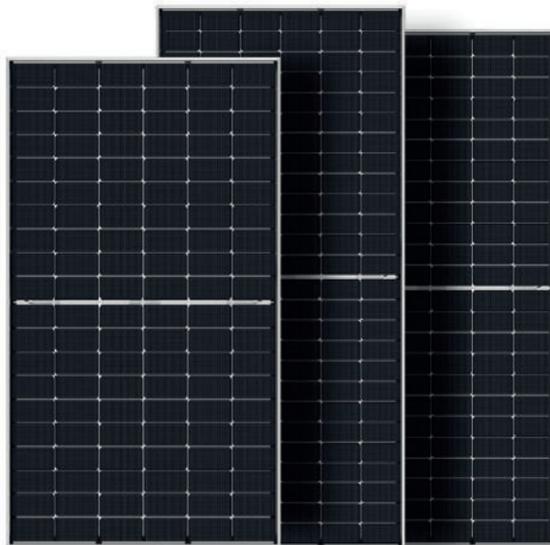
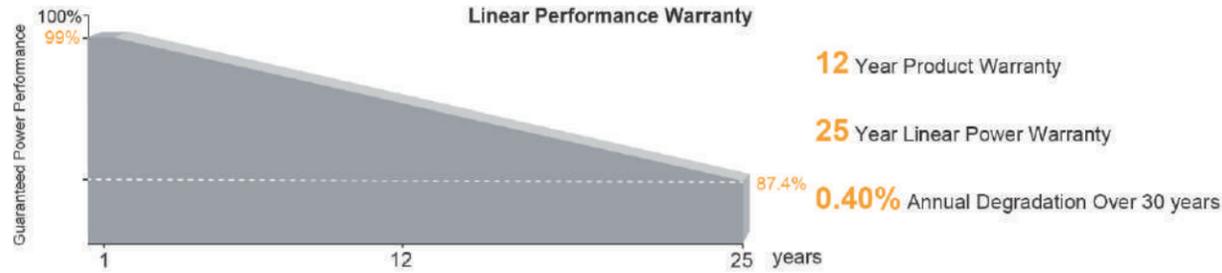
Durability Against Extreme Environmental Conditions



PID Resistance



Enhanced Mechanical Load



Series	Cell Type	Module Type	Power Range (Wp)	Size (mm)	Weight (Kg)
M12P (Single glass)	P-Type, M12	MY-M12/132-XXX	640~670	2384*1303*35	35.7
		MY-M12/120-XXX	580~605	2172*1303*35	31.5
		MY-M12/110-XXX	520~550	2384*1096*35	29.8
		MY-M12/100-XXX	480~505	2185*1096*35	24.6
M10P (Single glass)	P-Type, M10	MY-M10/156-XXX	575~600	2465*1134*35	31
		MY-M10/144-XXX	530~555	2278*1134*35	27.5
		MY-M10/132-XXX	485~510	2094*1134*35	25.7
		MY-M10/120-XXX	435~460	1909*1134*35	24
M6P (Single glass)	P-Type, M6	MY-M6/144-XXX	445~470	2094*1038*35	24
		MY-M6/132-XXX	400~425	1924*1038*35	22.1
		MY-M6/120-XXX	360~385	1755*1038*35	19.5
		M3P (Single glass)	P-Type, M3	MY-M3/72-XXX	375~400
MY-M3/60-XXX	305~330			1665*1002*35	18.2
M2P (Single glass)	P-Type, M2	MY-M2/72-XXX	345~390	1956*992*35	21.5
		MY-M2/60-XXX	280~325	1640*992*35	17.6
M5 (Single glass)	Mono, M5	MY-M5/72-XXX	190~215	1580*808*35	15.2
M10N (Single glass)	N-Type, M10	MY-M10N/156-XXX	600~630	2465*1134*30	30.6
		MY-M10N/144-XXX	555~580	2278*1134*30	27.2
		MY-M10N/132-XXX	505~530	2094*1134*30	25.2
		MY-M10N/120-XXX	460~485	1909*1134*30	23.6
M10NB (Single glass) (full black)	N-Type, M10	MY-M10N/108-XXX	410~435	1722*1134*30	21
		MY-M10N/156-XXX	595~625	2465*1134*30	30.6
		MY-M10N/144-XXX	555~575	2278*1134*30	27.2
		MY-M10N/132-XXX	505~525	2094*1134*30	25.2
M10ND (Dual-glass Bifacial)	N-Type, M10	MY-M10ND/120-XXX	460~480	1909*1134*30	23.6
		MY-M10ND/108-XXX	410~430	1722*1134*30	21
		MY-M10ND156-XXX	600~625	2465*1134*30	35.2
		MY-M10ND144-XXX	555~575	2278*1134*30	31.8
P3 (Single glass)	Poly, P3	MY-M10ND132-XXX	505~525	2094*1134*30	30
		MY-M10ND120-XXX	460~480	1909*1134*30	28.2
P2 (Single glass)	Poly, P2	MY-M10ND108-XXX	410~430	1722*1134*30	25
		MY-P3/72-XXX	310~340	1979*1002*35	22.5
P2 (Single glass)	Poly, P2	MY-P3/60-XXX	265~285	1665*1002*35	18.2
		MY-P2/72-XXX	300~330	1956*992*35	21.5
P2 (Single glass)	Poly, P2	MY-P2/60-XXX	260~280	1640*992*35	17.6

Specifications included in this datasheet are subject to change without notice.

## MY-M10N/156

### 610~630 Watt

MONO-FACIAL MODULE

N-Type / Half-Cell / Single glass / M10

Completes System and Product Certifications

IEC61215(2016)

IEC61730(2016)

ISO9001:2015 : Quality Management System

ISO14001:2015 : Environment Management System

ISO45001:2018 :

Occupational health and safety management systems



### Key Features



SMBB Technology



High Efficiency



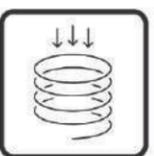
Higher power output



Higher Lifetime Power Yield



Saving BOS Cost



Severe Weather Resilience



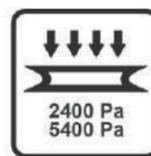
Low-light Performance



Durability Against Extreme Environmental Conditions

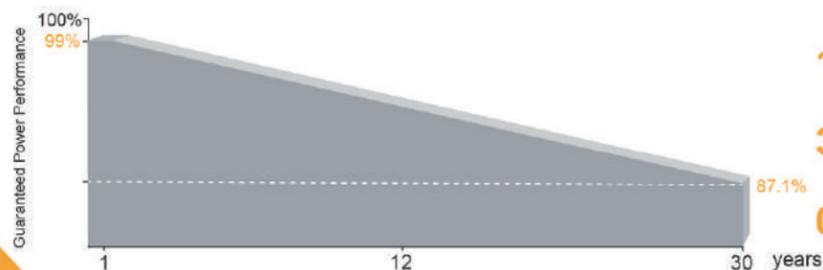


PID Resistance



Enhanced Mechanical Load

### Linear Performance Warranty

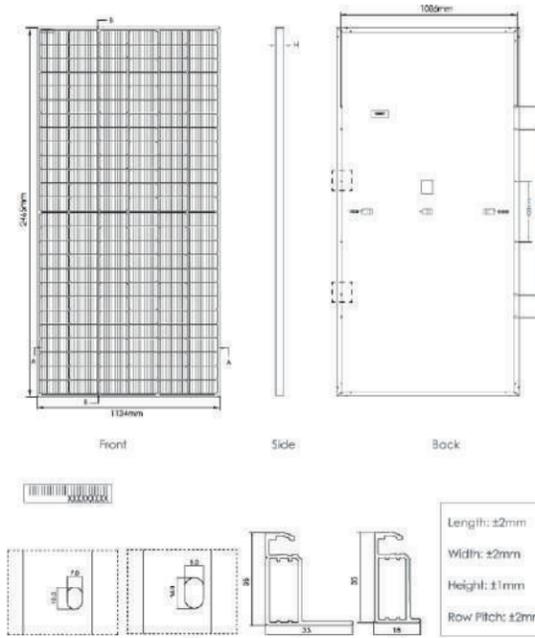


12 Year Product Warranty

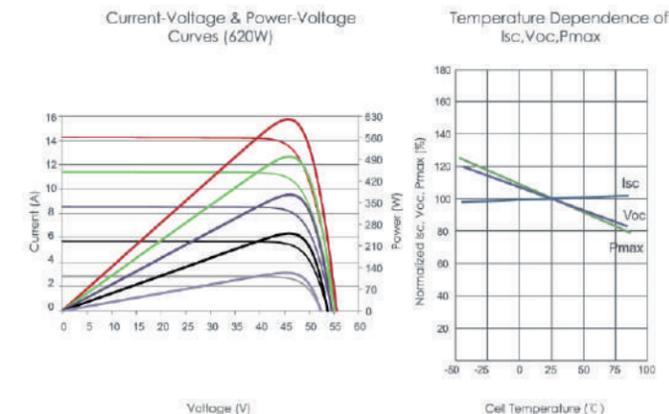
30 Year Linear Power Warranty

0.41% Annual Degradation Over 25 years

### Engineering Drawings



### Electrical Performance & Temperature Dependence



### Mechanical Characteristics

Cell Type	N type Mono-crystalline
No. of cells	156 (2x78)
Dimensions	2465x1134x35mm (97.05x44.65x1.38 inch)
Weight	30.6 kg (67.46 lbs)
Front Glass	3.2mm, Anti-Reflection Coating, High Transmission, Low Iron, Tempered Glass
Frame	Anodized Aluminium Alloy
Junction Box	IP68 Rated
Output Cables	TUV 1x4.0mm <sup>2</sup> (+): 400mm, (-): 200mm or Customized Length

### Packaging Configuration

(Two panels=One stack)

31pcs/pallets, 62pcs/stack, 496pcs/ 40'HQ Container

### SPECIFICATIONS

Module Type	MY-M10N/156-610		MY-M10N/156-615		MY-M10N/156-620		MY-M10N/156-625		MY-M10N/156-630	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power (Pmax)	610Wp	459Wp	615Wp	462Wp	620Wp	466Wp	625Wp	470Wp	630Wp	474Wp
Maximum Power Voltage (Vmp)	45.59V	42.28V	45.69V	42.39V	45.79V	42.50V	45.92V	42.61V	46.02V	42.72V
Maximum Power Current (Imp)	13.38A	10.85A	13.46A	10.91A	13.54A	10.97A	13.61A	11.03A	13.69A	11.09A
Open-circuit Voltage (Voc)	55.25V	52.48V	55.40V	52.62V	55.55V	52.77V	55.70V	52.91V	55.85V	53.05V
Short-circuit Current (Isc)	14.11A	11.39A	14.18A	11.45A	14.25A	11.50A	14.32A	11.56A	14.39A	11.62A
Module Efficiency STC (%)	21.82%		22.00%		22.18%		22.36%		22.54%	
Operating Temperature(°C)	-40°C~+85°C									
Maximum system voltage	1000/1500VDC (IEC)									
Maximum series fuse rating	30A									
Power tolerance	0~+3%									
Temperature coefficients of Pmax	-0.29%/°C									
Temperature coefficients of Voc	-0.25%/°C									
Temperature coefficients of Isc	0.045%/°C									
Nominal operating cell temperature (NOCT)	45±2°C									

\*STC:Irradiance1000W/m<sup>2</sup>,Cell Temperature 25°C,AM=1.5.  
NOCT:Irradiance800W/m<sup>2</sup>,Ambient Temperature 20°C,AM=1.5,Wind Speed 1m/s.  
Specifications included in this datasheet are subject to change without notice.

## MY-M10N/144

### 565~585 Watt

MONO-FACIAL MODULE

N-Type / Half-Cell / Single glass / M10

Completes System and Product Certifications

IEC61215(2016)

IEC61730(2016)

ISO9001:2015 : Quality Management System

ISO14001:2015 : Environment Management System

ISO45001:2018 :

Occupational health and safety management systems



### Key Features



SMBB Technology



High Efficiency



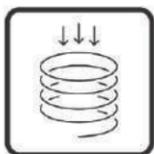
Higher power output



Higher Lifetime Power Yield



Saving BOS Cost



Severe Weather Resilience



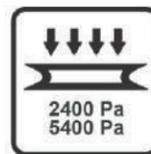
Low-light Performance



Durability Against Extreme Environmental Conditions

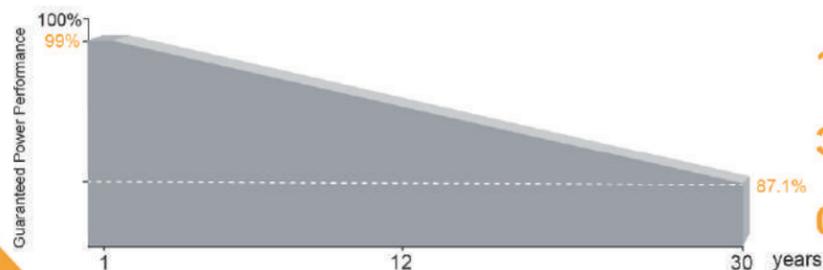


PID Resistance



Enhanced Mechanical Load

### Linear Performance Warranty

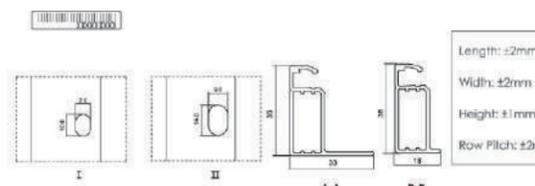
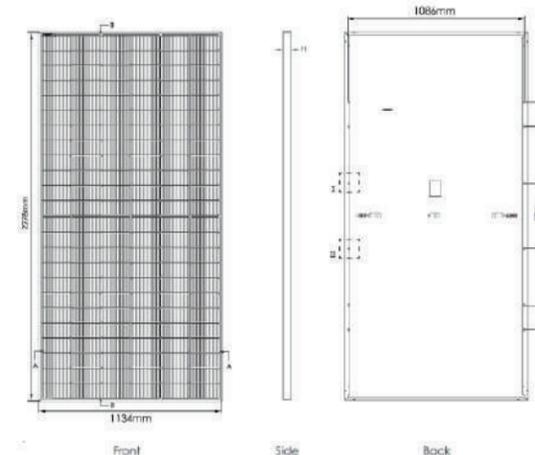


12 Year Product Warranty

30 Year Linear Power Warranty

0.41% Annual Degradation Over 25 years

### Engineering Drawings

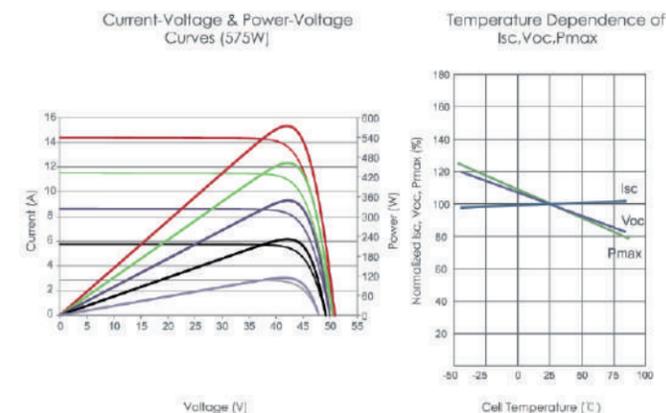


### Packaging Configuration

(Two panels=One stack)

31 pcs/pallets, 62 pcs/stack, 620 pcs/ 40'HQ Container

### Electrical Performance & Temperature Dependence



### Mechanical Characteristics

Cell Type	N type Mono-crystalline
No. of cells	144 (6×24)
Dimensions	2278×1134×35mm (89.69×44.65×1.38 inch)
Weight	28 kg (61.73 lbs)
Front Glass	3.2mm, Anti-Reflection Coating, High Transmission, Low Iron, Tempered Glass
Frame	Anodized Aluminium Alloy
Junction Box	IP68 Rated
Output Cables	TUV 1×4.0mm <sup>2</sup> (+): 400mm, (-): 200mm or Customized Length

### SPECIFICATIONS

Module Type	MY-M10N/144-565		MY-M10N/144-570		MY-M10N/144-575		MY-M10N/144-580		MY-M10N/144-585	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power (Pmax)	565Wp	425Wp	570Wp	429Wp	575Wp	432Wp	580Wp	436Wp	585Wp	440Wp
Maximum Power Voltage (Vmp)	41.92V	39.38V	42.07V	39.51V	42.22V	39.60V	42.37V	39.69V	42.52V	39.81V
Maximum Power Current (Imp)	13.48A	10.79A	13.55A	10.85A	13.62A	10.92A	13.69A	10.99A	13.76A	11.05A
Open-circuit Voltage (Voc)	50.60V	48.06V	50.74V	48.20V	50.88V	48.33V	51.02V	48.46V	51.16V	48.60V
Short-circuit Current (Isc)	14.23A	11.49A	14.31A	11.55A	14.39A	11.62A	14.47A	11.68A	14.55A	11.75A
Module Efficiency STC (%)	21.87%		22.07%		22.26%		22.45%		22.65%	
Operating Temperature(°C)	-40°C~+85°C									
Maximum system voltage	1000/1500VDC (IEC)									
Maximum series fuse rating	25A									
Power tolerance	0~+3%									
Temperature coefficients of Pmax	-0.29%/°C									
Temperature coefficients of Voc	-0.25%/°C									
Temperature coefficients of Isc	0.045%/°C									
Nominal operating cell temperature (NOCT)	45±2°C									

\*STC:Irradiance1000W/m<sup>2</sup>,Cell Temperature 25°C,AM=1.5.  
NOCT:Irradiance800W/m<sup>2</sup>,Ambient Temperature 20°C,AM=1.5,Wind Speed 1m/s.  
Specifications included in this datasheet are subject to change without notice.

## MY-M10N/120 460~480 Watt

MONO-FACIAL MODULE

N-Type / Half-Cell / Single glass / M10

Completes System and Product Certifications—

IEC61215(2016)

IEC61730(2016)

ISO9001:2015 : Quality Management System

ISO14001:2015 : Environment Management System

ISO45001:2018 :

Occupational health and safety management systems



### Key Features



SMBB Technology



High Efficiency



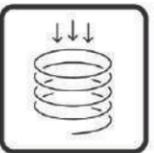
Higher power output



Higher Lifetime Power Yield



Saving BOS Cost



Severe Weather Resilience



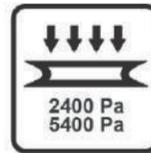
Low-light Performance



Durability Against Extreme Environmental Conditions

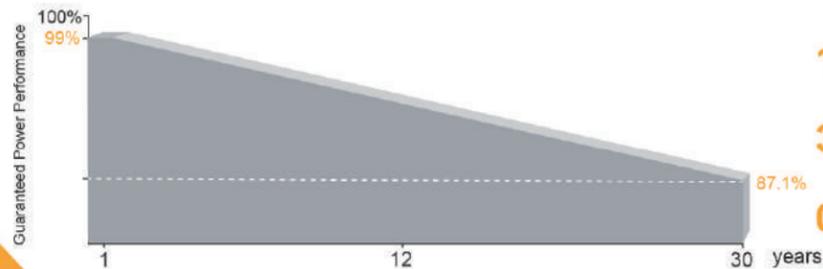


PID Resistance



Enhanced Mechanical Load

### Linear Performance Warranty

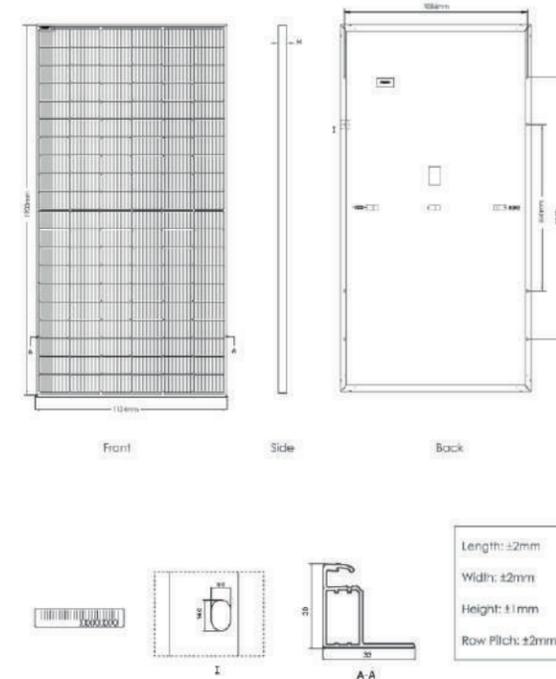


12 Year Product Warranty

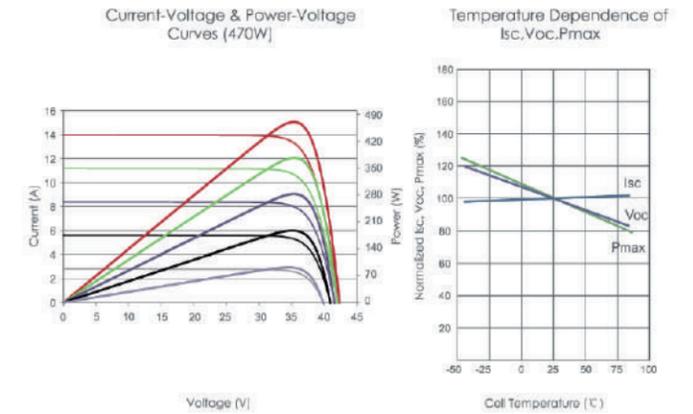
30 Year Linear Power Warranty

0.41% Annual Degradation Over 25 years

### Engineering Drawings



### Electrical Performance & Temperature Dependence



### Mechanical Characteristics

Cell Type	N type Mono-crystalline
No. of cells	120 (6x20)
Dimensions	1903x1134x30mm (74.92x44.65x1.18 inch)
Weight	24.2 kg (53.35 lbs)
Front Glass	3.2mm, Anti-Reflection Coating, High Transmission, Low Iron, Tempered Glass
Frame	Anodized Aluminium Alloy
Junction Box	IP68 Rated
Output Cables	TUV 1x4.0mm <sup>2</sup> (+): 400mm, (-): 200mm or Customized Length

### Packaging Configuration

(Two panels=One stack)

36pcs/pallets, 72pcs/stack, 864pcs/ 40'HQ Container

### SPECIFICATIONS

Module Type	MY-M10N/120-460		MY-M10N/120-465		MY-M10N/120-470		MY-M10N/120-475		MY-M10N/120-480	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power (Pmax)	460Wp	346Wp	465Wp	350Wp	470Wp	353Wp	475Wp	357Wp	480Wp	361Wp
Maximum Power Voltage (Vmp)	34.72V	32.60V	34.89V	32.77V	35.05V	32.94V	35.21V	33.10V	35.38V	33.27V
Maximum Power Current (Imp)	13.25A	10.61A	13.33A	10.67A	13.41A	10.73A	13.49A	10.79A	13.57A	10.85A
Open-circuit Voltage (Voc)	42.05V	39.94V	42.22V	40.10V	42.38V	40.25V	42.54V	40.41V	42.71V	40.57V
Short-circuit Current (Isc)	13.99A	11.29A	14.07A	11.36A	14.15A	11.42A	14.23A	11.49A	14.31A	11.55A
Module Efficiency STC (%)	21.32%		21.55%		21.78%		22.01%		22.24%	
Operating Temperature(°C)	-40°C~+85°C									
Maximum system voltage	1000/1500VDC (IEC)									
Maximum series fuse rating	25A									
Power tolerance	0~+3%									
Temperature coefficients of Pmax	-0.29%/°C									
Temperature coefficients of Voc	-0.25%/°C									
Temperature coefficients of Isc	0.045%/°C									
Nominal operating cell temperature (NOCT)	45±2°C									

\*STC:Irradiance1000W/m<sup>2</sup>,Cell Temperature 25°C,AM=1.5.  
NOCT:Irradiance800W/m<sup>2</sup>,Ambient Temperature 20°C,AM=1.5,Wind Speed 1m/s.  
Specifications included in this datasheet are subject to change without notice.

## MY-M10N/108 425~445 Watt

MONO-FACIAL MODULE

N-Type / Half-Cell / Single glass / M10

Completes System and Product Certifications—

IEC61215(2016)

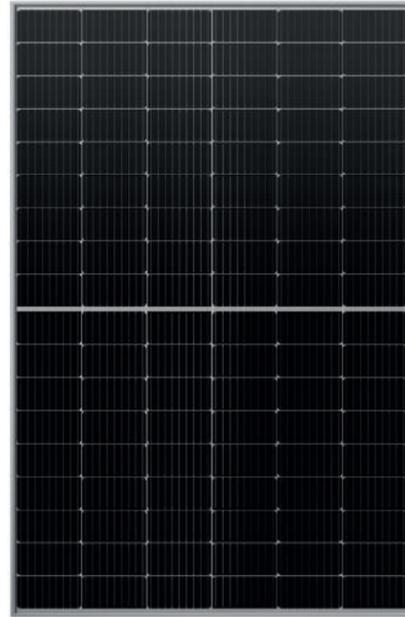
IEC61730(2016)

ISO9001:2015 : Quality Management System

ISO14001:2015 : Environment Management System

ISO45001:2018 :

Occupational health and safety management systems



### Key Features



SMBB Technology



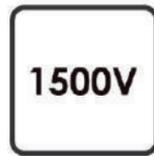
High Efficiency



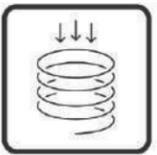
Higher power output



Higher Lifetime Power Yield



Saving BOS Cost



Severe Weather Resilience



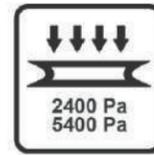
Low-light Performance



Durability Against Extreme Environmental Conditions

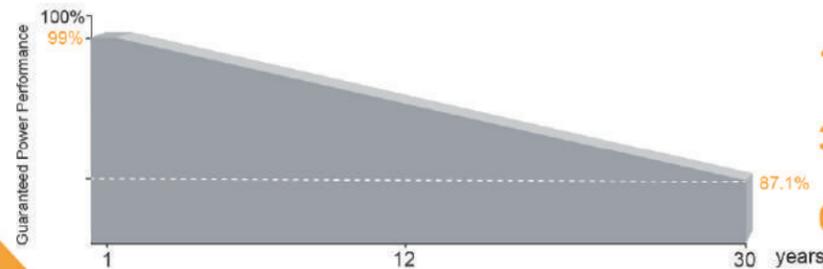


PID Resistance



Enhanced Mechanical Load

### Linear Performance Warranty

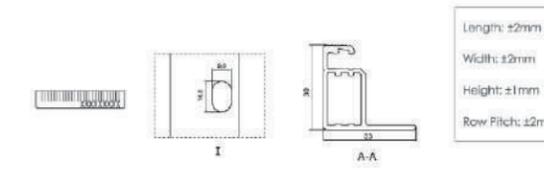
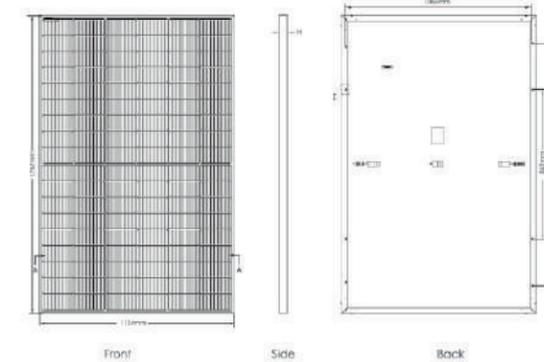


12 Year Product Warranty

30 Year Linear Power Warranty

0.41% Annual Degradation Over 25 years

### Engineering Drawings



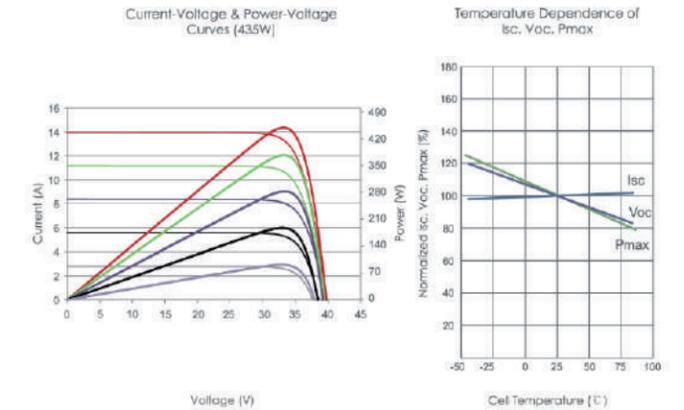
\*This tolerance range applies only to the four-angle distance of the module as indicated above.

### Packaging Configuration

(Two panels=One stack)

36pcs/pallets, 72pcs/stack, 936pcs/ 40'HQ Container

### Electrical Performance & Temperature Dependence



### Mechanical Characteristics

Cell Type	N type Mono-crystalline
No. of cells	108 (2x54)
Dimensions	1762x1134x30mm (69.36x44.65x1.18 inch)
Weight	22 kg (48.50 lbs)
Front Glass	3.2mm, Anti-Reflection Coating, High Transmission, Low Iron, Tempered Glass
Frame	Anodized Aluminium Alloy
Junction Box	IP68 Rated
Output Cables	TUV 1x4.0mm <sup>2</sup> (+): 400mm, (-): 200mm or Customized Length

### SPECIFICATIONS

Module Type	MY-M10N/108-425		MY-M10N/108-430		MY-M10N/108-435		MY-M10N/108-440		MY-M10N/108-445	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power (Pmax)	425Wp	320Wp	430Wp	323Wp	435Wp	327Wp	440Wp	331Wp	445Wp	335Wp
Maximum Power Voltage (Vmp)	32.18V	29.99V	32.38V	30.10V	32.59V	30.33V	32.81V	30.56V	33.02V	30.76V
Maximum Power Current (Imp)	13.21A	10.67A	13.28A	10.73A	13.35A	10.78A	13.41A	10.83A	13.48A	10.89A
Open-circuit Voltage (Voc)	38.75V	36.81V	38.95V	37.00V	39.16V	37.20V	39.38V	37.41V	39.59V	37.61V
Short-circuit Current (Isc)	13.66A	11.03A	13.73A	11.09A	13.80A	11.14A	13.86A	11.19A	13.93A	11.25A
Module Efficiency STC (%)	21.27%		21.52%		21.77%		22.02%		22.27%	
Operating Temperature(°C)	-40°C~+85°C									
Maximum system voltage	1000/1500VDC (IEC)									
Maximum series fuse rating	25A									
Power tolerance	0~+3%									
Temperature coefficients of Pmax	-0.29%/°C									
Temperature coefficients of Voc	-0.25%/°C									
Temperature coefficients of Isc	0.045%/°C									
Nominal operating cell temperature (NOCT)	45±2°C									

\*STC:Irradiance1000W/m<sup>2</sup>,Cell Temperature 25°C,AM=1.5.  
NOCT:Irradiance800W/m<sup>2</sup>,Ambient Temperature 20°C,AM=1.5,Wind Speed 1m/s.  
Specifications included in this datasheet are subject to change without notice.

## MY-M10ND/156

### 605~625 Watt

**BIFACIAL MODULE WITH DUAL-GLASS**

**N-Type / Half-Cell / Dual-glass / M10**

Completes System and Product Certifications—

IEC61215(2016)

IEC61730(2016)

ISO9001:2015 : Quality Management System

ISO14001:2015 : Environment Management System

ISO45001:2018 :

Occupational health and safety management systems



### Key Features



SMBB Technology



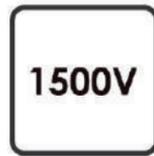
High Efficiency



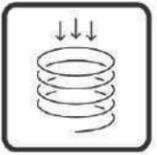
Higher power output



Higher Lifetime Power Yield



Saving BOS Cost



Severe Weather Resilience



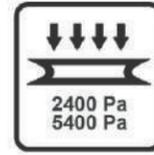
Low-light Performance



Durability Against Extreme Environmental Conditions

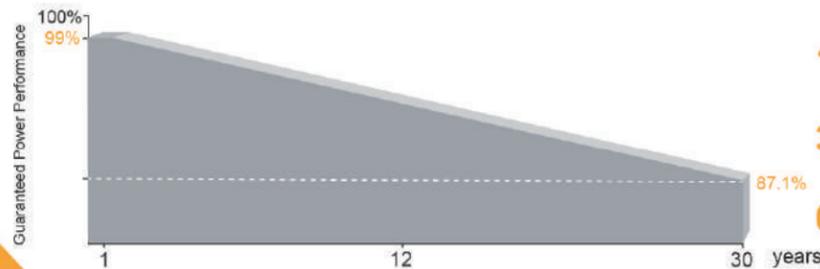


PID Resistance



Enhanced Mechanical Load

### Linear Performance Warranty

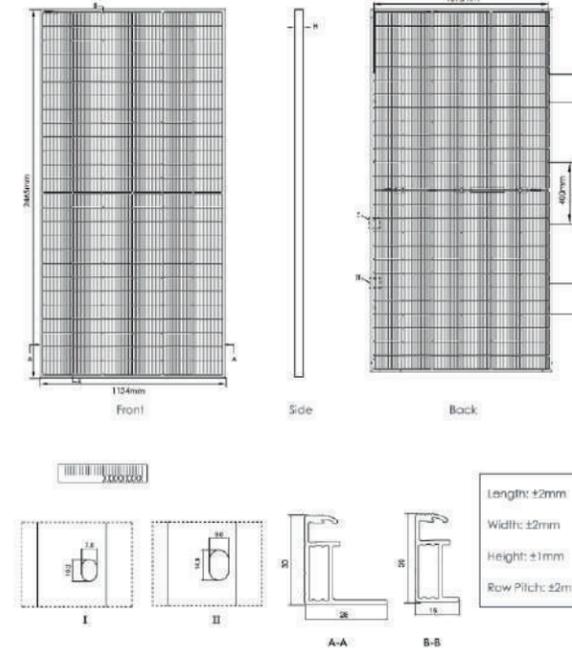


**12 Year Product Warranty**

**30 Year Linear Power Warranty**

**0.41% Annual Degradation Over 25 years**

### Engineering Drawings



### Packaging Configuration

(Two panilets=One stack)

36pcs/pallets, 72pcs/stack, 576pcs/ 40'HQ Container

### SPECIFICATIONS

Module Type	MY-M10ND/156-605		MY-M10ND/156-610		MY-M10ND/156-615		MY-M10ND/156-620		MY-M10ND/156-625	
	STC	NOCT								
Maximum Power (Pmax)	605Wp	455Wp	610Wp	459Wp	615Wp	462Wp	620Wp	466Wp	625Wp	470Wp
Maximum Power Voltage (Vmp)	45.42V	42.23V	45.60V	42.35V	45.77V	42.46V	45.93V	42.57V	46.10V	42.68V
Maximum Power Current (Imp)	13.32A	10.77A	13.38A	10.83A	13.44A	10.89A	13.50A	10.95A	13.56A	11.01A
Open-circuit Voltage (Voc)	55.17V	52.41V	55.31V	52.54V	55.44V	52.66V	55.58V	52.79V	55.72V	52.93V
Short-circuit Current (Isc)	13.95A	11.26A	14.03A	11.33A	14.11A	11.39A	14.19A	11.46A	14.27A	11.52A
Module Efficiency STC (%)	21.64%		21.82%		22.00%		22.18%		22.36%	
Operating Temperature(°C)	-40°C~+85°C									
Maximum system voltage	1500VDC (IEC)									
Maximum series fuse rating	30A									
Power tolerance	0~+3%									
Temperature coefficients of Pmax	-0.29%/°C									
Temperature coefficients of Voc	-0.25%/°C									
Temperature coefficients of Isc	0.045%/°C									
Nominal operating cell temperature (NOCT)	45±2°C									
Refer. Bifacial Factor	80±5%									

### BIFACIAL OUTPUT-REARSIDE POWER GAIN

		635Wp	641Wp	646Wp	651Wp	656Wp
5%	Maximum Power (Pmax)	635Wp	641Wp	646Wp	651Wp	656Wp
	Module Efficiency STC (%)	22.73%	22.91%	23.10%	23.29%	23.48%
15%	Maximum Power (Pmax)	696Wp	702Wp	707Wp	713Wp	719Wp
	Module Efficiency STC (%)	24.89%	25.10%	25.30%	25.51%	25.71%
25%	Maximum Power (Pmax)	756Wp	763Wp	769Wp	775Wp	781Wp
	Module Efficiency STC (%)	27.05%	27.28%	27.50%	27.73%	27.95%

\*STC:Irradiance1000W/m²,Cell Temperature 25°C,AM=1.5 ; NOCT:Irradiance800W/m²,Ambient Temperature 20°C,AM=1.5,Wind Speed 1m/s. Specifications included in this datasheet are subject to change without notice.

## MY-M10ND/144

### 560~580 Watt

**BIFACIAL MODULE WITH DUAL-GLASS**

**N-Type / Half-Cell / Dual-glass / M10**

Completes System and Product Certifications—

IEC61215(2016)

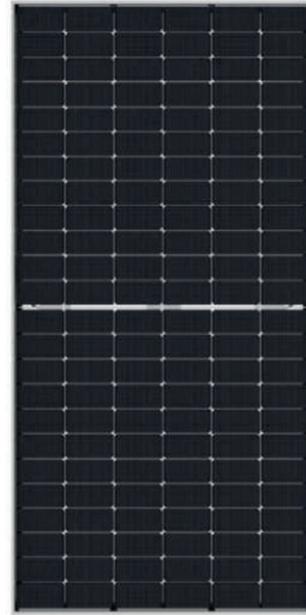
IEC61730(2016)

ISO9001:2015 : Quality Management System

ISO14001:2015 : Environment Management System

ISO45001:2018 :

Occupational health and safety management systems



### Key Features



SMBB Technology



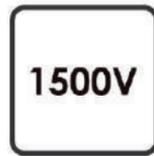
High Efficiency



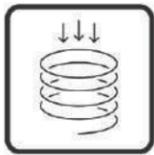
Higher power output



Higher Lifetime Power Yield



Saving BOS Cost



Severe Weather Resilience



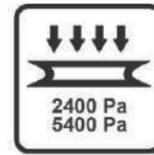
Low-light Performance



Durability Against Extreme Environmental Conditions

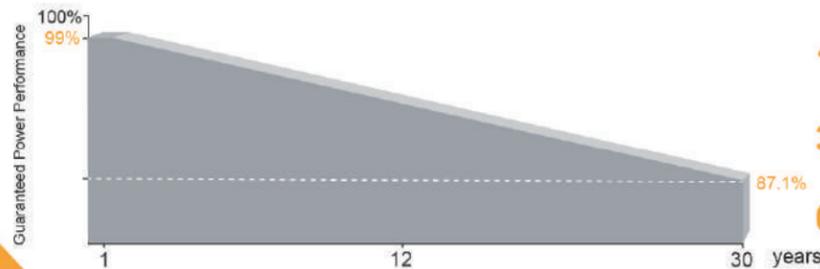


PID Resistance



Enhanced Mechanical Load

### Linear Performance Warranty

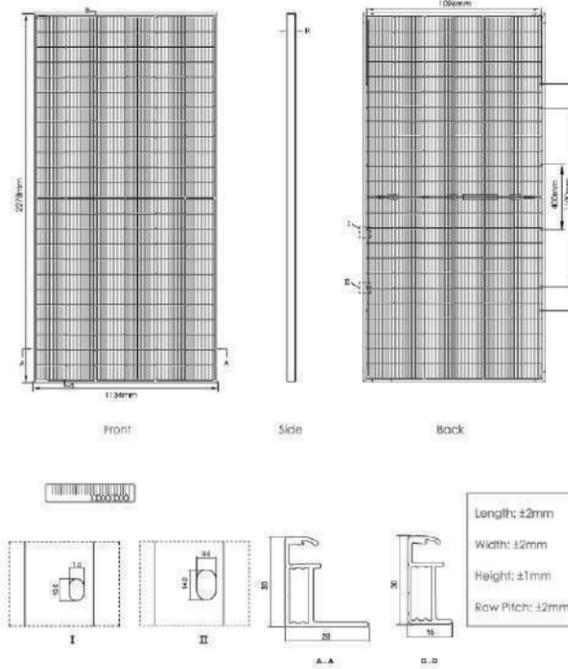


**12 Year Product Warranty**

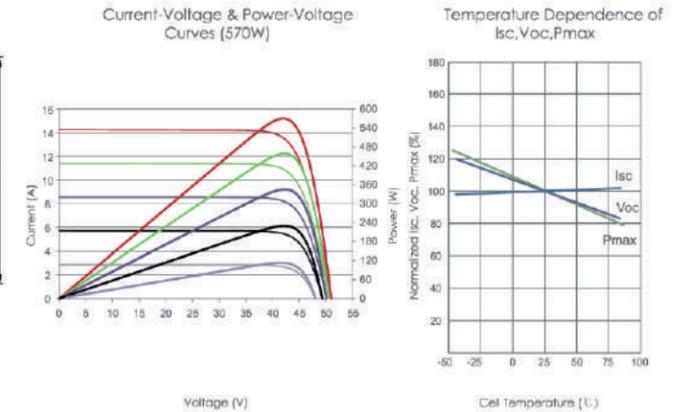
**30 Year Linear Power Warranty**

**0.41% Annual Degradation Over 25 years**

### Engineering Drawings



### Electrical Performance & Temperature Dependence



### Mechanical Characteristics

Cell Type	N type Mono-crystalline
No. of cells	144 (2×72)
Dimensions	2278×1134×30mm (89.69×44.65×1.18 inch)
Weight	32 kg (70.55 lbs)
Front Glass	2.0mm, Anti-Reflection Coating
Back Glass	2.0mm, Heat Strengthened Glass
Frame	Anodized Aluminium Alloy
Junction Box	IP68 Rated
Output Cables	TUV 1×4.0mm <sup>2</sup> (+): 400mm, (-): 200mm or Customized Length

### Packaging Configuration

(Two panilets=One stack)

36pcs/pallets, 72pcs/stack, 720pcs/ 40'HQ Container

### SPECIFICATIONS

Module Type	MY-M10ND/144-560		MY-M10ND/144-565		MY-M10ND/144-570		MY-M10ND/144-575		MY-M10ND/144-580	
	STC	NOCT								
Maximum Power (Pmax)	560Wp	421Wp	565Wp	425Wp	570Wp	429Wp	575Wp	432Wp	580Wp	436Wp
Maximum Power Voltage (Vmp)	41.95V	39.39V	42.14V	39.52V	42.29V	39.65V	42.44V	39.78V	42.59V	39.87V
Maximum Power Current (Imp)	13.35A	10.69A	13.41A	10.75A	13.48A	10.81A	13.55A	10.87A	13.62A	10.94A
Open-circuit Voltage (Voc)	50.67V	48.13V	50.87V	48.32V	51.07V	48.51V	51.27V	48.70V	51.47V	48.89V
Short-circuit Current (Isc)	14.13A	11.41A	14.19A	11.46A	14.25A	11.50A	14.31A	11.55A	14.37A	11.60A
Module Efficiency STC (%)	21.68%		21.87%		22.07%		22.26%		22.45%	
Operating Temperature(°C)	-40°C~+85°C									
Maximum system voltage	1500VDC (IEC)									
Maximum series fuse rating	30A									
Power tolerance	0~+3%									
Temperature coefficients of Pmax	-0.29%/°C									
Temperature coefficients of Voc	-0.25%/°C									
Temperature coefficients of Isc	0.045%/°C									
Nominal operating cell temperature (NOCT)	45±2°C									
Refer. Bifacial Factor	80±5%									

### BIFACIAL OUTPUT-REARSIDE POWER GAIN

		5%	15%	25%	
Maximum Power (Pmax)	588Wp	593Wp	599Wp	604Wp	609Wp
Module Efficiency STC (%)	22.77%	22.97%	23.17%	23.37%	23.57%
Maximum Power (Pmax)	644Wp	650Wp	656Wp	661Wp	667Wp
Module Efficiency STC (%)	24.93%	25.15%	25.37%	25.60%	25.82%
Maximum Power (Pmax)	700Wp	706Wp	713Wp	719Wp	725Wp
Module Efficiency STC (%)	27.10%	27.34%	27.58%	27.82%	28.07%

\*STC:Irradiance1000W/m<sup>2</sup>,Cell Temperature 25°C,AM=1.5 ; NOCT:Irradiance800W/m<sup>2</sup>,Ambient Temperature 20°C,AM=1.5,Wind Speed 1m/s. Specifications included in this datasheet are subject to change without notice.

## MY-M10NB/108

### 420~440 Watt

**ALL-BLACK MONO MODULE**

**N-Type / Half-Cell / Single glass / M10**

Completes System and Product Certifications—

IEC61215(2016)

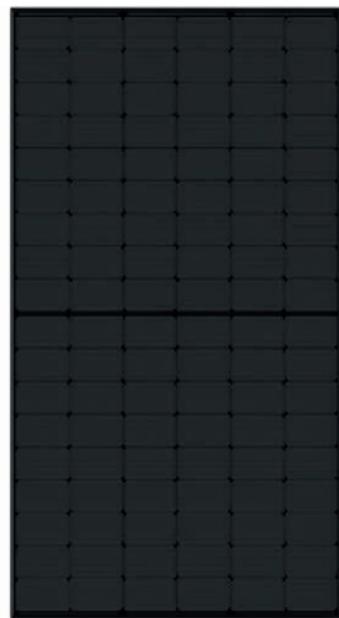
IEC61730(2016)

ISO9001:2015 : Quality Management System

ISO14001:2015 : Environment Management System

ISO45001:2018 :

Occupational health and safety management systems



### Key Features



SMBB Technology



High Efficiency



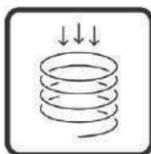
Higher power output



Higher Lifetime Power Yield



Saving BOS Cost



Severe Weather Resilience



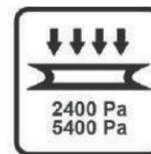
Low-light Performance



Durability Against Extreme Environmental Conditions

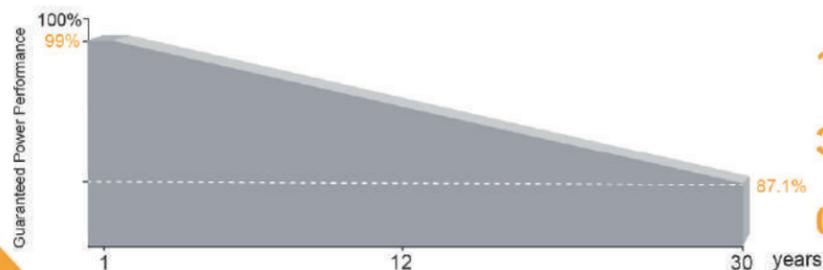


PID Resistance



Enhanced Mechanical Load

### Linear Performance Warranty

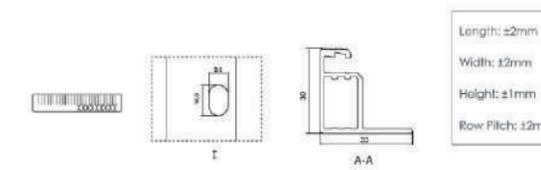
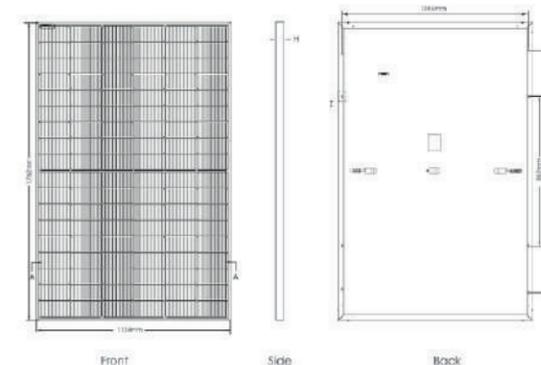


**12 Year Product Warranty**

**30 Year Linear Power Warranty**

**0.41% Annual Degradation Over 25 years**

### Engineering Drawings



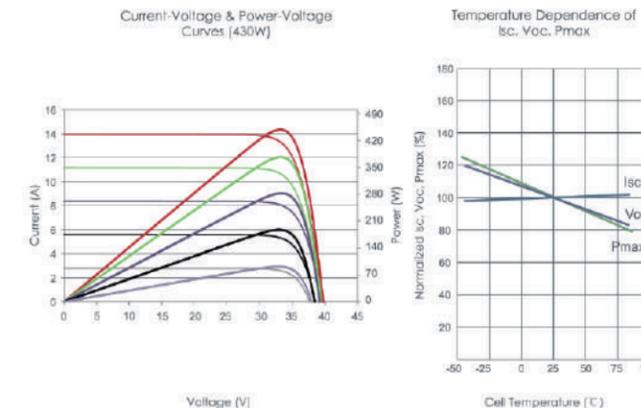
\*This tolerance range applies only to the four-angle distance of the module as indicated above.

### Packaging Configuration

(Two panels=One stack)

36pcs/pallets, 72pcs/stack, 936pcs/ 40'HQ Container

### Electrical Performance & Temperature Dependence



### Mechanical Characteristics

Cell Type	N type Mono-crystalline
No. of cells	108 (6×18)
Dimensions	1762×1134×30mm (69.36×44.65×1.18 inch)
Weight	22 kg (48.50 lbs)
Front Glass	3.2mm, Anti-Reflection Coating, High Transmission, Low Iron, Tempered Glass
Frame	Anodized Aluminium Alloy
Junction Box	IP68 Rated
Output Cables	TUV 1×4.0mm <sup>2</sup> (+): 400mm, (-): 200mm or Customized Length

### SPECIFICATIONS

Module Type	MY-M10NB/108-420		MY-M10NB/108-425		MY-M10NB/108-430		MY-M10NB/108-435		MY-M10NB/108-440	
	STC	NOCT								
Maximum Power (Pmax)	420Wp	316Wp	425Wp	320Wp	430Wp	323Wp	435Wp	327Wp	440Wp	331Wp
Maximum Power Voltage (Vmp)	32.16V	29.95V	32.37V	30.19V	32.58V	30.30V	32.78V	30.50V	32.99V	30.73V
Maximum Power Current (Imp)	13.06A	10.55A	13.13A	10.60A	13.20A	10.66A	13.27V	10.72A	13.34A	10.77A
Open-circuit Voltage (Voc)	38.74V	36.80V	38.95V	37.00V	39.16V	37.20V	39.36V	37.39V	39.57V	37.59V
Short-circuit Current (Isc)	13.51A	10.91A	13.58A	10.96A	13.65A	11.02A	13.72A	11.08A	13.80A	11.14A
Module Efficiency STC (%)	21.02%		21.27%		21.52%		21.77%		22.02%	
Operating Temperature(°C)	-40°C~+85°C									
Maximum system voltage	1000VDC (IEC)									
Maximum series fuse rating	25A									
Power tolerance	0~+3%									
Temperature coefficients of Pmax	-0.29%/°C									
Temperature coefficients of Voc	-0.25%/°C									
Temperature coefficients of Isc	0.045%/°C									
Nominal operating cell temperature (NOCT)	45±2°C									

\*STC:Irradiance1000W/m<sup>2</sup>,Cell Temperature 25°C,AM=1.5.  
NOCT:Irradiance800W/m<sup>2</sup>,Ambient Temperature 20°C,AM=1.5,Wind Speed 1m/s.  
Specifications included in this datasheet are subject to change without notice.

## MY-M10/144

### 540~560 Watt

MONO-FACIAL MODULE

P-Type / Half-Cell / Single glass / M10

Completes System and Product Certifications—

IEC61215(2016)

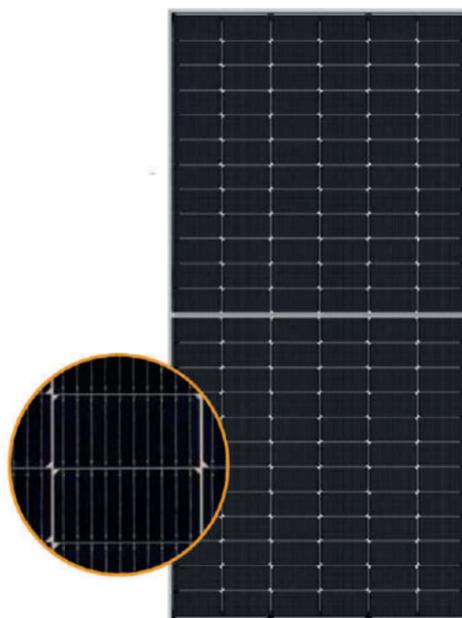
IEC61730(2016)

ISO9001:2015 : Quality Management System

ISO14001:2015 : Environment Management System

ISO45001:2018 :

Occupational health and safety management systems



### Key Features



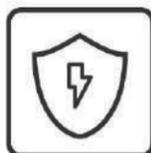
SMBB Technology



High Efficiency



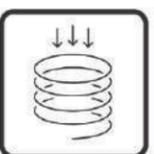
Higher power output



Higher Lifetime Power Yield



Saving BOS Cost



Severe Weather Resilience



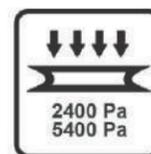
Low-light Performance



Durability Against Extreme Environmental Conditions



PID Resistance

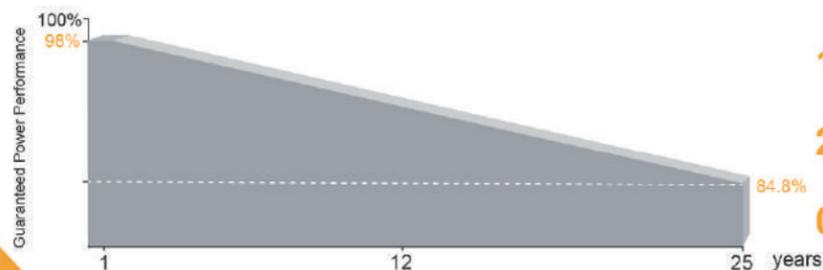


Enhanced Mechanical Load

1500V

2400 Pa  
5400 Pa

### Linear Performance Warranty

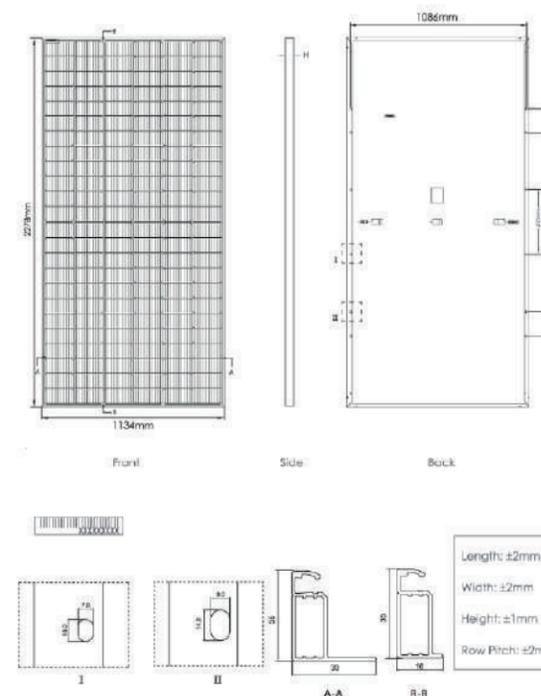


12 Year Product Warranty

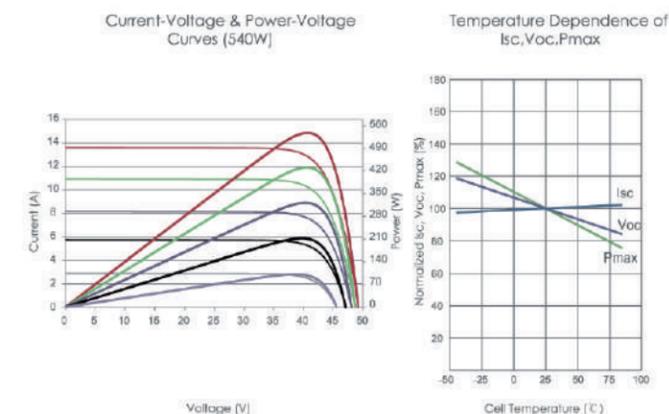
25 Year Linear Power Warranty

0.56% Annual Degradation Over 25 years

### Engineering Drawings



### Electrical Performance & Temperature Dependence



### Mechanical Characteristics

Cell Type	P type Mono-crystalline
No. of cells	144 (6×24)
Dimensions	2278×1134×35mm (89.53×44.65×1.38 inch)
Weight	28 kg (61.73 lbs)
Front Glass	3.2mm, Anti-Reflection Coating, High Transmission, Low Iron, Tempered Glass
Frame	Anodized Aluminium Alloy
Junction Box	IP68 Rated
Output Cables	TUV 1×4.0mm <sup>2</sup> (+): 400mm, (-): 200mm or Customized Length

### Packaging Configuration

(Two panels=One stack)

31 pcs/pallets, 62 pcs/stack, 620 pcs/ 40'HQ Container

### SPECIFICATIONS

Module Type	MY-M10/144-540		MY-M10/144-545		MY-M10/144-550		MY-M10/144-555		MY-M10/144-560	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power (Pmax)	540Wp	402Wp	545Wp	405Wp	550Wp	409Wp	555Wp	413Wp	560Wp	417Wp
Maximum Power Voltage (Vmp)	40.70V	38.08V	40.80V	38.25V	40.90V	38.42V	40.99V	38.59V	41.09V	38.69V
Maximum Power Current (Imp)	13.27A	10.55A	13.36A	10.60A	13.45A	10.65A	13.54A	10.70A	13.63A	10.77A
Open-circuit Voltage (Voc)	49.42V	46.65V	49.52V	46.74V	49.62V	46.84V	49.72V	46.93V	49.82V	47.02V
Short-circuit Current (Isc)	13.85A	11.19A	13.94A	11.26A	14.03A	11.33A	14.12A	11.40A	14.21A	11.48A
Module Efficiency STC (%)	20.90%		21.10%		21.29%		21.48%		21.68%	
Operating Temperature(°C)	-40°C~+85°C									
Maximum system voltage	1000/1500VDC (IEC)									
Maximum series fuse rating	25A									
Power tolerance	0~+3%									
Temperature coefficients of Pmax	-0.35%/°C									
Temperature coefficients of Voc	-0.28%/°C									
Temperature coefficients of Isc	0.048%/°C									
Nominal operating cell temperature (NOCT)	45±2°C									

\*STC:Irradiance1000W/m<sup>2</sup>,Cell Temperature 25°C,AM=1.5.  
NOCT:Irradiance800W/m<sup>2</sup>,Ambient Temperature 20°C,AM=1.5,Wind Speed 1m/s.  
Specifications included in this datasheet are subject to change without notice.

## MY-M10/120

### 450~470 Watt

MONO-FACIAL MODULE

P-Type / Half-Cell / Single glass / M10

Completes System and Product Certifications

IEC61215(2016)

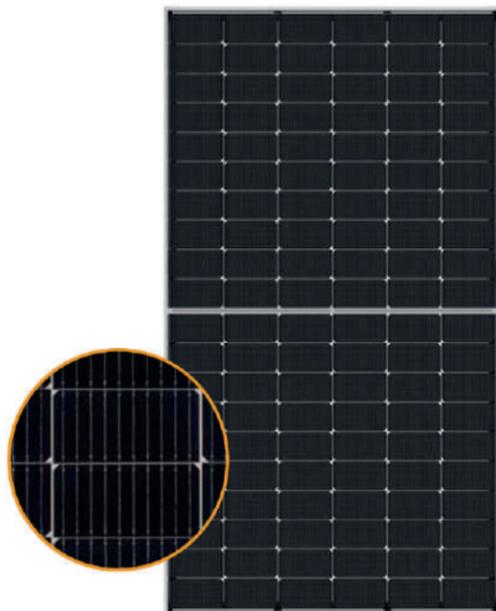
IEC61730(2016)

ISO9001:2015 : Quality Management System

ISO14001:2015 : Environment Management System

ISO45001:2018 :

Occupational health and safety management systems



### Key Features



SMBB Technology



High Efficiency



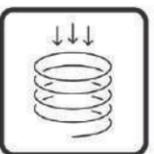
Higher power output



Higher Lifetime Power Yield



Saving BOS Cost



Severe Weather Resilience



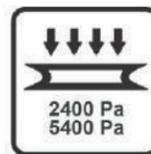
Low-light Performance



Durability Against Extreme Environmental Conditions



PID Resistance

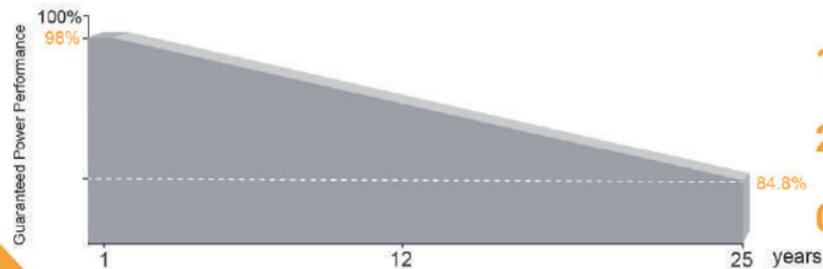


Enhanced Mechanical Load

1500V

2400 Pa  
5400 Pa

### Linear Performance Warranty

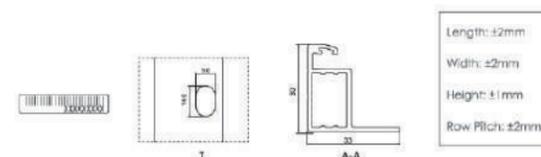
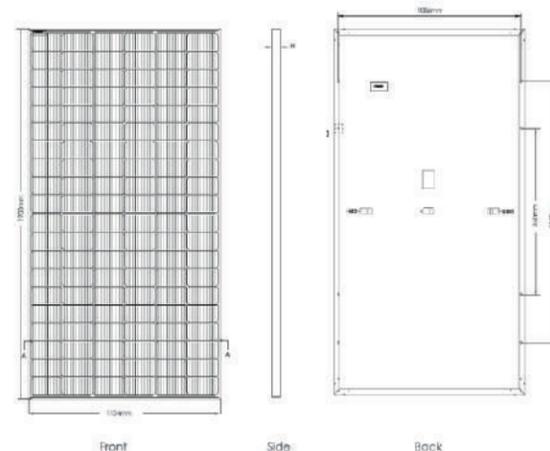


12 Year Product Warranty

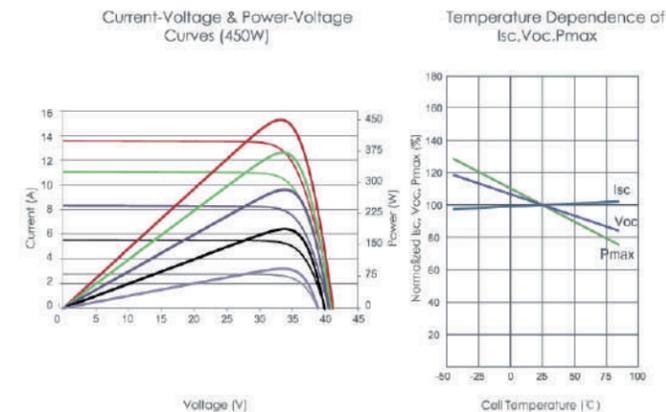
25 Year Linear Power Warranty

0.56% Annual Degradation Over 25 years

### Engineering Drawings



### Electrical Performance & Temperature Dependence



### Mechanical Characteristics

Cell Type	P type Mono-crystalline
No. of cells	120 (6×20)
Dimensions	1903×1134×30mm (74.92×44.65×1.18 inch)
Weight	24.2 kg (53.35 lbs)
Front Glass	3.2mm Anti-Reflection Coating, High Transmission, Low Iron, Tempered Glass
Frame	Anodized Aluminium Alloy
Junction Box	IP68 Rated
Output Cables	TUV 1×4.0mm <sup>2</sup> (+): 290mm, (-): 145mm or Customized Length

### Packaging Configuration

(Two panels=One stack)

36pcs/pallets, 72pcs/stack, 864pcs/ 40'HQ Container

### SPECIFICATIONS

Module Type	MY-M10/120-450		MY-M10/120-455		MY-M10/120-460		MY-M10/120-465		MY-M10/120-470	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power (Pmax)	450Wp	335Wp	455Wp	339Wp	460Wp	342Wp	465Wp	346Wp	470Wp	350Wp
Maximum Power Voltage (Vmp)	33.91V	31.73V	34.06V	31.91V	34.20V	32.07V	34.37V	32.12V	34.56V	32.32V
Maximum Power Current (Imp)	13.27A	10.55A	13.36A	10.61A	13.45A	10.67A	13.53A	10.77A	13.60A	10.82A
Open-circuit Voltage (Voc)	41.18V	38.87V	41.33V	39.01V	41.48V	39.15V	41.63V	39.29V	41.78V	39.43V
Short-circuit Current (Isc)	13.85A	11.19A	13.93A	11.25A	14.01A	11.32A	14.09A	11.38A	14.17A	11.34A
Module Efficiency STC (%)	20.85%		21.08%		21.32%		21.55%		21.78%	
Operating Temperature(°C)	-40°C~+85°C									
Maximum system voltage	1000/1500VDC (IEC)									
Maximum series fuse rating	25A									
Power tolerance	0~+3%									
Temperature coefficients of Pmax	-0.35%/°C									
Temperature coefficients of Voc	-0.28%/°C									
Temperature coefficients of Isc	0.048%/°C									
Nominal operating cell temperature (NOCT)	45±2°C									

\*STC:Irradiance1000W/m<sup>2</sup>,Cell Temperature 25°C,AM=1.5.  
NOCT:Irradiance800W/m<sup>2</sup>,Ambient Temperature 20°C,AM=1.5,Wind Speed 1m/s.  
Specifications included in this datasheet are subject to change without notice.

## MY-M10/108

### 395~415 Watt

MONO-FACIAL MODULE

P-Type / Half-Cell / Single glass / M10

Completes System and Product Certifications—

IEC61215(2016)

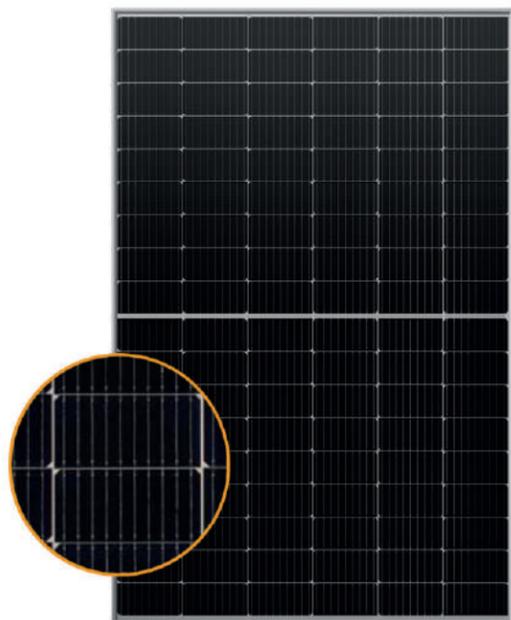
IEC61730(2016)

ISO9001:2015 : Quality Management System

ISO14001:2015 : Environment Management System

ISO45001:2018 :

Occupational health and safety management systems



### Key Features



SMBB Technology



High Efficiency



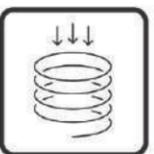
Higher power output



Higher Lifetime Power Yield



Saving BOS Cost



Severe Weather Resilience



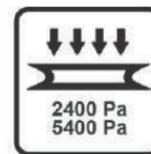
Low-light Performance



Durability Against Extreme Environmental Conditions



PID Resistance

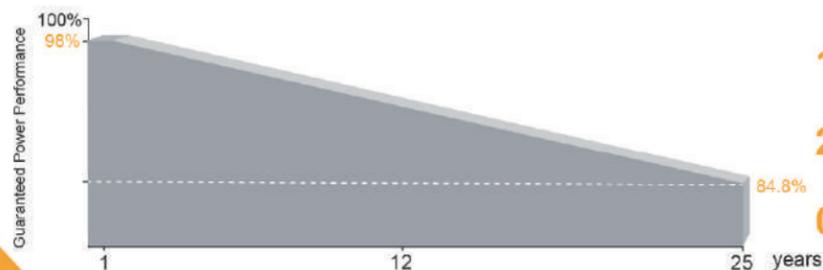


Enhanced Mechanical Load

1500V

2400 Pa  
5400 Pa

### Linear Performance Warranty

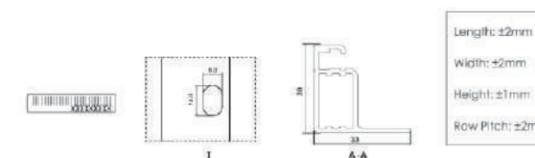
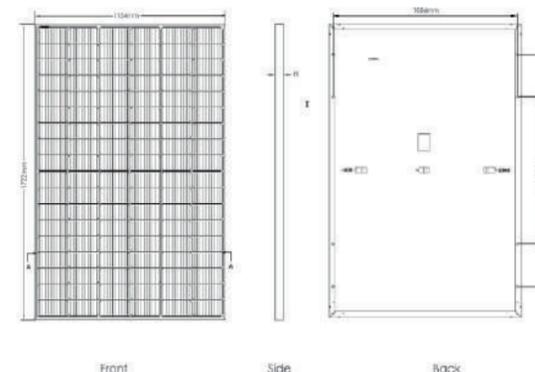


12 Year Product Warranty

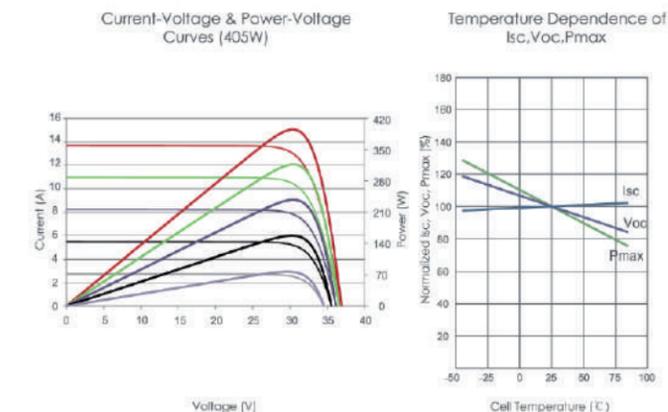
25 Year Linear Power Warranty

0.56% Annual Degradation Over 25 years

### Engineering Drawings



### Electrical Performance & Temperature Dependence



### Mechanical Characteristics

Cell Type	P type Mono-crystalline
No. of cells	108 (2x54)
Dimensions	1722×1134×30mm (67.80×44.65×1.18 inch)
Weight	22.0 kg (48.50 lbs)
Front Glass	3.2mm, Anti-Reflection Coating, High Transmission, Low Iron, Tempered Glass
Frame	Anodized Aluminium Alloy
Junction Box	IP68 Rated
Output Cables	TUV 1×4.0mm <sup>2</sup> (+): 400mm, (-): 200mm or Customized Length

### Packaging Configuration

(Two panels=One stack)

36pcs/pallets, 72pcs/stack, 936pcs/ 40'HQ Container

### SPECIFICATIONS

Module Type	MY-M10/108-395		MY-M10/108-400		MY-M10/108-405		MY-M10/108-410		MY-M10/108-415	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power (Pmax)	395Wp	294Wp	400Wp	298Wp	405Wp	301Wp	410Wp	305Wp	415Wp	309Wp
Maximum Power Voltage (Vmp)	30.32V	28.26V	30.42V	28.42V	30.52V	28.56V	30.62V	28.72V	30.79V	28.88V
Maximum Power Current (Imp)	13.03A	10.40A	13.15A	10.47A	13.27A	10.55A	13.39A	10.62A	13.48A	10.69A
Open-circuit Voltage (Voc)	36.90V	34.83V	36.98V	34.90V	37.06V	34.98V	37.14V	35.05V	37.31V	35.21V
Short-circuit Current (Isc)	13.71A	11.07A	13.78A	11.13A	13.85A	11.19A	13.92A	11.24A	14.01A	11.32A
Module Efficiency STC (%)	20.23%		20.48%		20.74%		21.00%		21.25%	
Operating Temperature(°C)	-40°C~+85°C									
Maximum system voltage	1000/1500VDC (IEC)									
Maximum series fuse rating	25A									
Power tolerance	0~+3%									
Temperature coefficients of Pmax	-0.35%/°C									
Temperature coefficients of Voc	-0.28%/°C									
Temperature coefficients of Isc	0.048%/°C									
Nominal operating cell temperature (NOCT)	45±2°C									

\*STC:Irradiance1000W/m<sup>2</sup>,Cell Temperature 25°C,AM=1.5.  
NOCT:Irradiance800W/m<sup>2</sup>,Ambient Temperature 20°C,AM=1.5,Wind Speed 1m/s.  
Specifications included in this datasheet are subject to change without notice.

## MY-M10D/144

### 535~555 Watt

**BIFACIAL MODULE WITH DUAL-GLASS**

**P-Type / Half-Cell / Dual-glass / M10**

Completes System and Product Certifications—

IEC61215(2016)

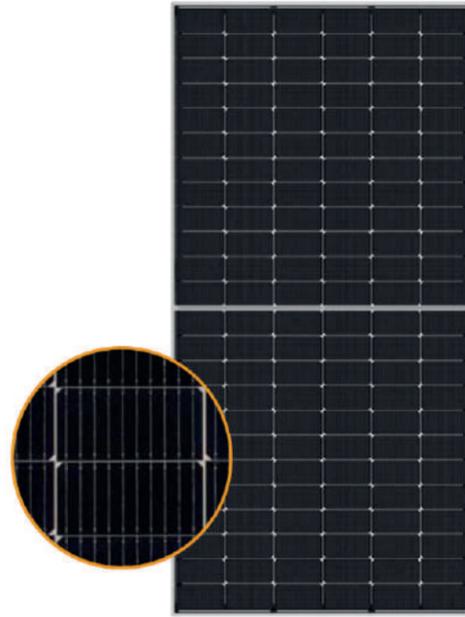
IEC61730(2016)

ISO9001:2015 : Quality Management System

ISO14001:2015 : Environment Management System

ISO45001:2018 :

Occupational health and safety management systems



### Key Features



SMBB Technology



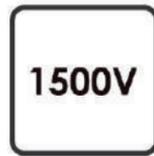
High Efficiency



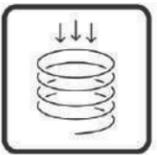
Higher power output



Higher Lifetime Power Yield



Saving BOS Cost



Severe Weather Resilience



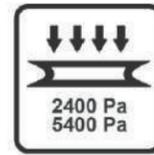
Low-light Performance



Durability Against Extreme Environmental Conditions

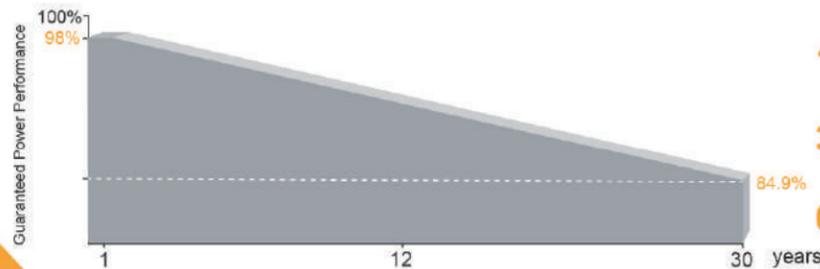


PID Resistance



Enhanced Mechanical Load

### Linear Performance Warranty

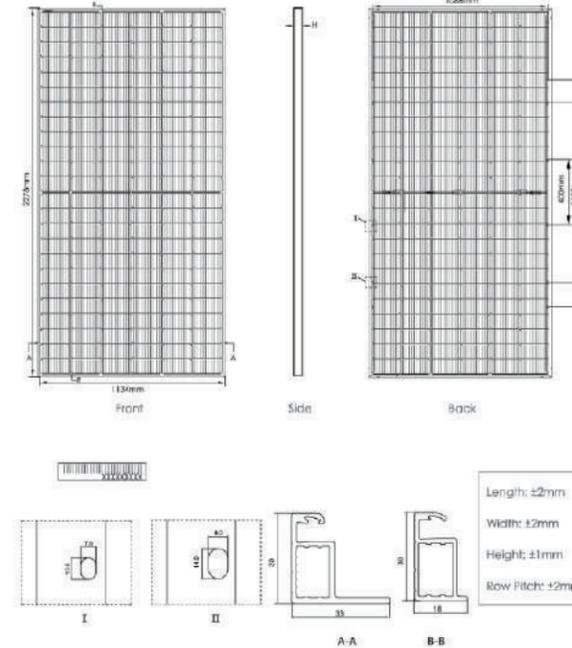


**12 Year Product Warranty**

**30 Year Linear Power Warranty**

**0.46% Annual Degradation Over 25 years**

### Engineering Drawings



### Packaging Configuration

(Two panilets=One stack)

36pcs/pallets, 72pcs/stack, 720pcs/ 40'HQ Container

### SPECIFICATIONS

Module Type	MY-M10D/144-535		MY-M10D/144-540		MY-M10D/144-545		MY-M10D/144-550		MY-M10D/144-555	
	STC	NOCT								
Maximum Power (Pmax)	535Wp	398Wp	540Wp	402Wp	545Wp	405Wp	550Wp	409Wp	555Wp	413Wp
Maximum Power Voltage (Vmp)	40.94V	37.94V	41.13V	38.08V	41.32V	38.25V	41.51V	38.42V	41.70V	38.59V
Maximum Power Current (Imp)	13.07A	10.49A	13.13A	10.55A	13.19A	10.60A	13.25A	10.65A	13.31A	10.70A
Open-circuit Voltage (Voc)	49.54V	46.76V	49.73V	46.94V	49.92V	47.12V	50.11V	47.30V	50.30V	47.48V
Short-circuit Current (Isc)	13.83A	11.17A	13.89A	11.22A	13.95A	11.27A	14.01A	11.32A	14.07A	11.36A
Module Efficiency STC (%)	20.71%		20.90%		21.10%		21.29%		21.48%	
Operating Temperature(°C)	-40°C~+85°C									
Maximum system voltage	1500VDC (IEC)									
Maximum series fuse rating	30A									
Power tolerance	0~+3%									
Temperature coefficients of Pmax	-0.35%/°C									
Temperature coefficients of Voc	-0.28%/°C									
Temperature coefficients of Isc	0.048%/°C									
Nominal operating cell temperature (NOCT)	45±2°C									
Refer. Bifacial Factor	70±5%									

### BIFACIAL OUTPUT-REARSIDE POWER GAIN

		562Wp	567Wp	572Wp	578Wp	583Wp
5%	Maximum Power (Pmax)	562Wp	567Wp	572Wp	578Wp	583Wp
	Module Efficiency STC (%)	21.76%	21.95%	22.15%	22.36%	22.56%
15%	Maximum Power (Pmax)	615Wp	621Wp	627Wp	633Wp	638Wp
	Module Efficiency STC (%)	23.81%	24.04%	24.26%	24.48%	24.71%
25%	Maximum Power (Pmax)	669Wp	675Wp	681Wp	688Wp	694Wp
	Module Efficiency STC (%)	25.90%	26.13%	26.37%	26.61%	26.86%

\*STC:Irradiance1000W/m²,Cell Temperature 25°C,AM=1.5 ; NOCT:Irradiance800W/m²,Ambient Temperature 20°C,AM=1.5,Wind Speed 1m/s. Specifications included in this datasheet are subject to change without notice.

BACORI and equity-related enterprises are grateful for the market love, we have established long-term and stable cooperative relations with many global well-known enterprises and large listed companies in the new energy products and services from communication, power, energy, information and other industries and fields.



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