



The **e**nergy of the future

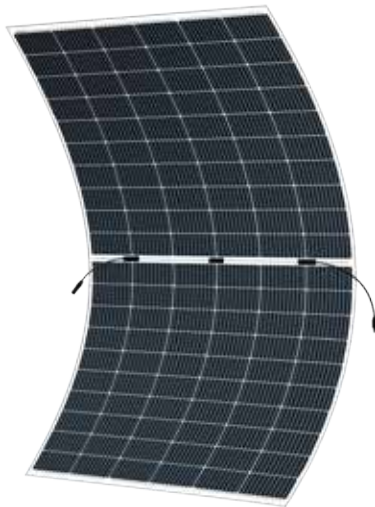
**MULTIWAY+**  
BETTER CHOICE FOR  
HIGHER EFFICIENCY



The energy of the future

**HIGH** High power

**425W/430W**  
**435W/440W/445W**



- Module Efficiency: 20.3%
- No. of Cells 120(6×20)
- Weight 7.0(±0.5)kg
- Dimensions 1945×1128×3mm

MULTIWAY+



# HT60-18X(L)

PERC Flexible PV Module



Half cut cell technology can reduce the internal power loss and improve module overall power. Excellent heat dissipation avoids hot spot production.



The optimized number and width of main gate lines, Maximize the light receiving area of modules and Reduce module power consumption.

## handiness

Module surface without glass, the same version of the product to achieve up to 70% weight reduction



Designed for high voltage systems of up to 1500 VDC, increasing the string length of solar systems and saving on BoS costs

## flexible

Industry-leading composite materials and unique packaging technology enable the components to be flexible and perfectly fit to the curved surface. The products are suitable for a variety of application scenarios



All the modules are sorted and packaged by amperage, reducing mismatch losses and maximizing system output.

**5W**

Positive tolerance 0/+5w guaranteed

**EL**

Microcrack resistant enhance reliability, triple EL tested of high quality control.

Anti **PID**

PID resistant

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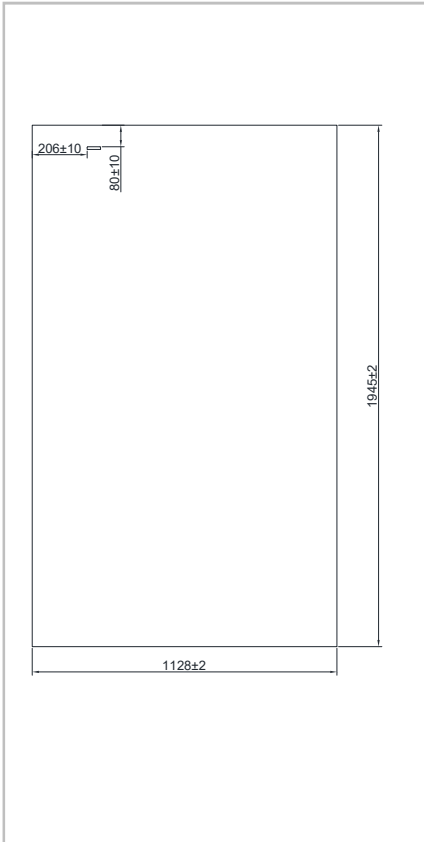
#DS0741

# MULTIWAY+

Better Choice For Higher Efficiency!

# HT60-18X(L)

## 425W/430W/435W/440W/445W



### Electrical Characteristics (STC)

Module Type	HT60-18X(L)				
Maximum Power(Pmax)	425W	430W	435W	440W	445W
Open Circuit Voltage(Voc)	40.58V	40.73V	40.88V	41.03V	41.18V
Short Circuit Current(Isc)	13.55A	13.62A	13.69A	13.76A	13.83A
Maximum Power Voltage(Vmp)	34.03V	34.18V	34.33V	34.48V	34.63V
Maximum Power Current(Imp)	12.51A	12.60A	12.68A	12.77A	12.86A
Module Efficiency	19.4%	19.6%	19.8%	20.1%	20.3%
Power Tolerance	0 ~ +5W				
Maximum System Voltage	1500V DC(IEC)				
Maximum Series Fuse Rating	25A				
Operating Temperature	-40°C to +85°C				

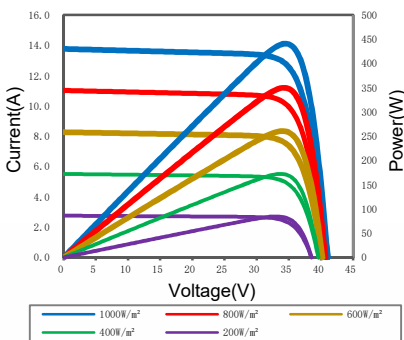
\* STC: AM 1.5, Irradiance 1000W/m<sup>2</sup>, module temperature 25°C

### Electrical Characteristics (NMOT)

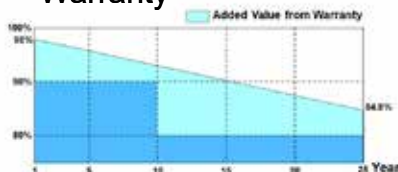
Module Type	HT60-18X(L)				
Maximum Power(Pmax)	316W	320W	324W	327W	331W
Open Circuit Voltage(Voc)	38.46V	38.60V	38.75V	38.89V	39.03V
Short Circuit Current(Isc)	10.94A	10.99A	11.05A	11.11A	11.16A
Maximum Power Voltage(Vmp)	32.25V	32.40V	32.54V	32.68V	32.82V
Maximum Power Current(Imp)	9.80A	9.88A	9.96A	10.01A	10.09A

\* NMOT: Irradiance 800W/m<sup>2</sup>, ambient temperature 20°C, wind speed 1m/s

### • IV Curves



### • Warranty



12-year product warranty\*

25-year warranty on power output\*

\* Specific information is referred to the product quality guarantee

Nominal Module Operating Temperature(NMOT)	43±2°C	
Temperature Coefficient of Pmax	γ (Pm)	-0.33%/°C
Temperature Coefficient of Voc	β (Voc)	-0.26%/°C
Temperature Coefficient of Isc	α (Isc)	0.042%/°C

Solar Cells	Monocrystalline
No. of Cells	120 (6×20)
Dimensions	1945×1128×3mm
Weight	7.0 (±0.5) kg
Frame	Frameless
Junction Box	IP68
Cable	4mm <sup>2</sup> (IEC)
Connectors	MC4 / MC4 Compatible

\*The module recycling should be carried out by the professional institutions at the end of module life cycle

\*Copyright@2024V2 Specifications are subject to change without further notification

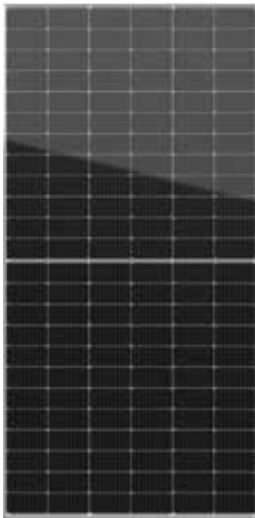
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The energy of the future

**HIGH** High power

**545W/550W**  
**555W/560W/565W**



- Module Efficiency: 21.9%
- No. of Cells 144(6×24)
- Weight 27.0 (±0.5) kg
- Dimensions 2278×1134×30mm
- Monocrystalline 182×91mm

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# HT72-18X

Single Glass PERC PV Module



Half cut cell technology can reduce the internal power loss and improve module overall power. Excellent heat dissipation avoids hot spot production.



The optimized number and width of main gate lines, Maximize the light receiving area of modules and Reduce module power consumption.



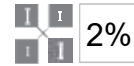
Designed for high voltage systems of up to 1500 VDC, increasing the string length of solar systems and saving on BoS costs.

## 12Ys

Products warranty

## 25Ys

Warranty on power output



All the modules are sorted and packaged by amperage, reducing mismatch losses and maximizing system output.

## EL

Microcrack resistant enhance reliability, double EL tested of high quality control.

## 0~+3%

Positive tolerance 0~+3% guaranteed



Entire module certified to with stand extreme wind(2400 Pa) and snow loads (5400 Pa)

## Anti PID

PID resistant

**Comprehensive and first-rate certification system**

IEC 61215:2016, IEC 61730:2016 Latest Standard SA 8000, ISO 9001, ISO 14001 and ISO 45001 meeting the highest international standards Strict quality control



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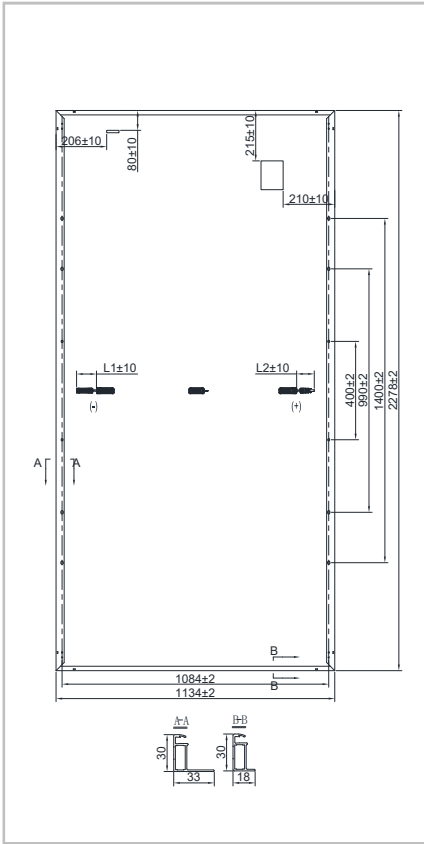
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# MULTIWAY+

Better Choice For Higher Efficiency!

# HT72-18X

## 545W/550W/555W/560W/565W



### Electrical Characteristics (STC)

Module Type	HT72-18X				
Maximum Power(Pmax)	545W	550W	555W	560W	565W
Open Circuit Voltage(Voc)	49.65V	49.80V	49.95V	50.10V	50.25V
Short Circuit Current(Isc)	13.95A	14.00A	14.07A	14.14A	14.21A
Maximum Power Voltage(Vmp)	41.80V	41.95V	42.10V	42.25V	42.40V
Maximum Power Current(Imp)	13.05A	13.12A	13.20A	13.27A	13.34A
Module Efficiency	21.1%	21.3%	21.5%	21.7%	21.9%
Power Tolerance	0 ~ +3%				
Maximum System Voltage	1500V DC(IEC)				
Maximum Series Fuse Rating	25A				
Operating Temperature	-40°C to +85°C				

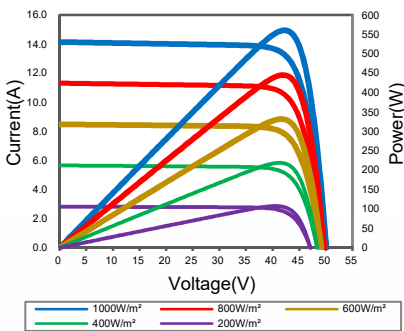
\* STC: AM 1.5, Irradiance 1000W/m<sup>2</sup>, module temperature 25°C

### Electrical Characteristics (NMOT)

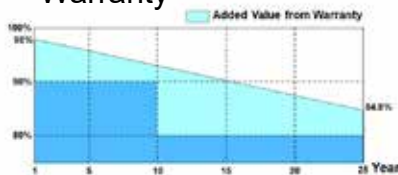
Module Type	HT72-18X				
Maximum Power(Pmax)	405W	409W	413W	417W	420W
Open Circuit Voltage(Voc)	47.06V	47.20V	47.34V	47.48V	47.63V
Short Circuit Current(Isc)	11.26A	11.30A	11.36A	11.41A	11.47A
Maximum Power Voltage(Vmp)	39.62V	39.76V	39.90V	40.04V	40.19V
Maximum Power Current(Imp)	10.22A	10.29A	10.35A	10.41A	10.45A

\* NMOT: Irradiance 800W/m<sup>2</sup>, ambient temperature 20°C, wind speed 1m/s

### IV Curves



### Warranty



12-year product warranty\*

25-year warranty on power output\*

\* Specific information is referred to the product quality guarantee

Nominal Module Operating Temperature(NMOT)	43±2°C
Temperature Coefficient of Pmax	γ (Pm) -0.33%/°C
Temperature Coefficient of Voc	β (Voc) -0.26%/°C
Temperature Coefficient of Isc	α (Isc) 0.042%/°C
Solar Cells	Monocrystalline 182× 91mm
No. of Cells	144 (6×24)
Dimensions	2278×1134×30mm
Weight	27.0(±0.5)kg
Glass	High light transmittance coated tempered glass
Frame	Anodized aluminum alloy
Junction Box	IP68
Cable	4mm <sup>2</sup> (IEC) length: (+) 200mm, (-) 300mm or customized
Connectors	MC4 / MC4 Compatible
Packaging Configuration	36 pcs/box: 720 pcs/ 40' HQ Container

\*The module recycling should be carried out by the professional institutions at the end of module life cycle

\*Copyright@2024V1 Specifications are subject to change without further notification

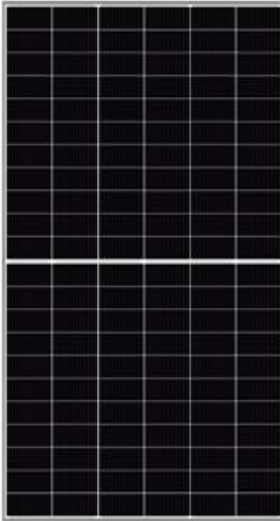
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The energy of the future

**HIGH** High power

**690W/695W**  
**700W/705W/710W**



- Module Efficiency: 22.9%
- No. of Cells 132(6×22)
- Weight 38.5(±0.5)kg
- Dimensions 2384×1303×35mm
- Bifaciality 80(±5)%



MULTIWAY+

# HT66-210(ND)-F

Double Glass TOPCon PV Module



Half cut cell technology can reduce the internal power loss and improve module overall power. Excellent heat dissipation avoids hot spot production.

## TOPCon

Double glass, The optimized number and width of main gate lines, Maximize the light receiving area of modules and Reduce module power consumption.



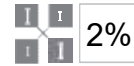
Designed for high voltage systems of up to 1500 VDC, increasing the string length of solar systems and saving on BoS costs.

## 15Ys

Products warranty

## 30Ys

Warranty on power output



All the modules are sorted and packaged by amperage, reducing mismatch losses and maximizing system output.

## EL

Microcrack resistant Double glass structure enhance reliability, double EL tested of high quality control.

## 0~+3%

Positive tolerance 0~+3% guaranteed



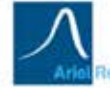
Entire module certified to with stand extreme wind(2400 Pa) and snow loads (5400 Pa)

## Anti PID

PID resistant

### Comprehensive and first-rate certification system

IEC 61215, IEC 61730 Latest Standard SA 8000, ISO 9001, ISO 14001 and ISO 45001 meeting the highest international standards Strict quality control



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DS0655



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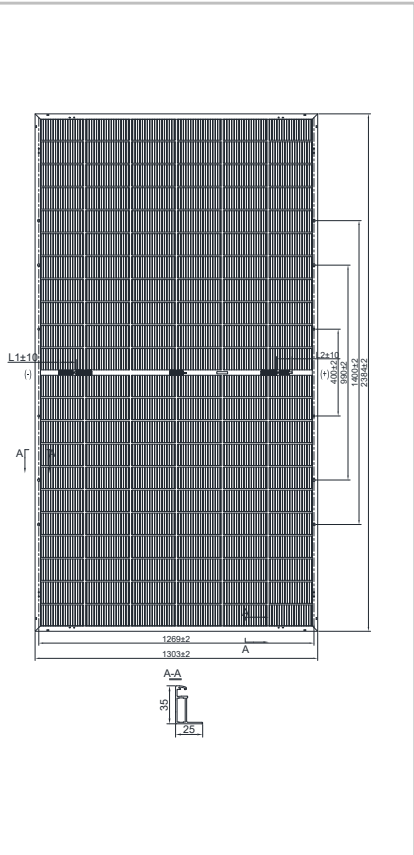
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# MULTIWAY+

Better Choice For Higher Efficiency!

# HT66-210(ND)-F

## 690W/695W/700W/705W/710W



### Electrical Characteristics (STC)

Module Type	HT66-210(ND)-F				
Maximum Power(Pmax)	690W	695W	700W	705W	710W
Open Circuit Voltage(Voc)	47.4V	47.6V	47.8V	48.0V	48.2V
Short Circuit Current(Isc)	18.29A	18.33A	18.37A	18.41A	18.45A
Maximum Power Voltage(Vmp)	40.5V	40.7V	40.9V	41.1V	41.3V
Maximum Power Current(Imp)	17.04A	17.08A	17.12A	17.16A	17.20A
Module Efficiency	22.2%	22.4%	22.5%	22.7%	22.9%
Power Tolerance	0 ~ +3%				
Maximum System Voltage	1500V DC(IEC)				
Maximum Series Fuse Rating	35A				
Operating Temperature	-40°C to +85°C				

\* STC: AM 1.5, Irradiance 1000W/m<sup>2</sup>, module temperature 25°C

### Electrical Characteristics (NMOT)

Module Type	HT66-210(ND)-F				
Maximum Power(Pmax)	525W	528W	532W	536W	540W
Open Circuit Voltage(Voc)	45.5V	45.7V	45.9V	46.1V	46.3V
Short Circuit Current(Isc)	14.74A	14.77A	14.80A	14.84A	14.87A
Maximum Power Voltage(Vmp)	38.9V	39.1V	39.3V	39.5V	39.6V
Maximum Power Current(Imp)	13.50A	13.50A	13.54A	13.57A	13.64A

\* NMOT: Irradiance 800W/m<sup>2</sup>, ambient temperature 20°C, wind speed 1m/s

### Bifacial output-rearside power gain

5%	Maximum Power(Pmax)	725W	730W	735W	740W	746W
	Module Efficiency	23.3%	23.5%	23.7%	23.8%	24.0%
15%	Maximum Power(Pmax)	794W	799W	805W	811W	817W
	Module Efficiency	25.5%	25.7%	25.9%	26.1%	26.3%
25%	Maximum Power(Pmax)	863W	869W	875W	881W	888W
	Module Efficiency	27.8%	28.0%	28.2%	28.4%	28.6%

Nominal Module Operating Temperature(NMOT) 43±2°C

Temperature Coefficient of Pmax γ (Pm) -0.31%/°C

Temperature Coefficient of Voc β (Voc) -0.25%/°C

Temperature Coefficient of Isc α (Isc) 0.046%/°C

Solar Cells Monocrystalline

No. of Cells 132 (6×22)

Dimensions 2384×1303×35mm

Weight 38.5(±0.5)kg

Glass (Front /Back) High transmission coated tempered glass/Heat strengthened glass

Frame Anodized aluminum alloy

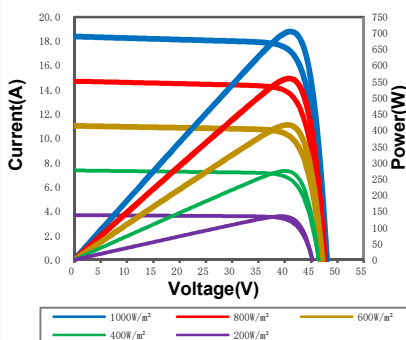
Junction Box IP68

Cable 4mm<sup>2</sup> (IEC) Length: (+) 400mm, (-) 300mm or customized

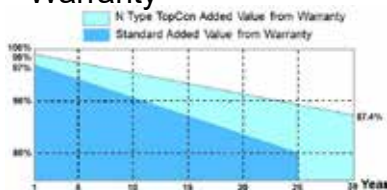
Connectors MC4 / MC4 Compatible

Packaging Configuration 31 pcs/box: 558 pcs/ 40' HQ Container

### • IV Curves



### • Warranty



15-year product warranty\*

30-year warranty on power output\*

\* Specific information is referred to the product quality guarantee

\*The module recycling should be carried out by the professional institutions at the end of module life cycle

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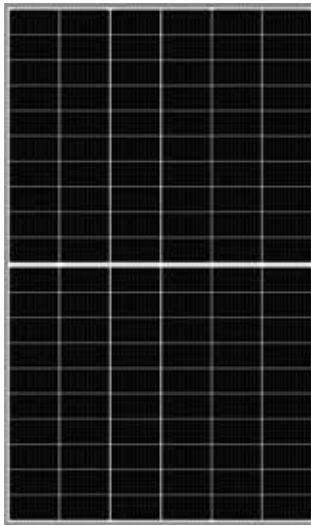


The energy of the future

**HIGH** High power

**585W/590W**

**595W/600W/605W**



- Module Efficiency: 21.4%
- No. of Cells 120(6×20)
- Weight 35.0(±0.5)kg
- Dimensions 2172×1303×35mm
- Monocrystalline 210×105mm
- Bifaciality 70(±5)%



MULTIWAY+

# HT60-210(PD)-F

Double Glass PERC PV Module



Half cut cell technology can reduce the internal power loss and improve module overall power. Excellent heat dissipation avoids hot spot production.



Double glass, The optimized number and width of main gate lines, Maximize the light receiving area of modules and Reduce module power consumption.



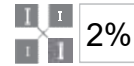
Designed for high voltage systems of up to 1500 VDC, increasing the string length of solar systems and saving on BoS costs.

**12Ys**

Products warranty

**30Ys**

Warranty on power output



All the modules are sorted and packaged by amperage, reducing mismatch losses and maximizing system output.

**EL**

Microcrack resistant Double glass structure enhance reliability, double EL tested of high quality control.

**0~+3%**

Positive tolerance 0~+3% guaranteed



Entire module certified to with stand extreme wind(2400 Pa) and snow loads (5400 Pa)

**Anti PID**

PID resistant

**Comprehensive and first-rate certification system**

IEC 61215:2016, IEC 61730:2016 Latest Standard SA 8000, ISO 9001, ISO 14001 and ISO 45001 meeting the highest international standards Strict quality control



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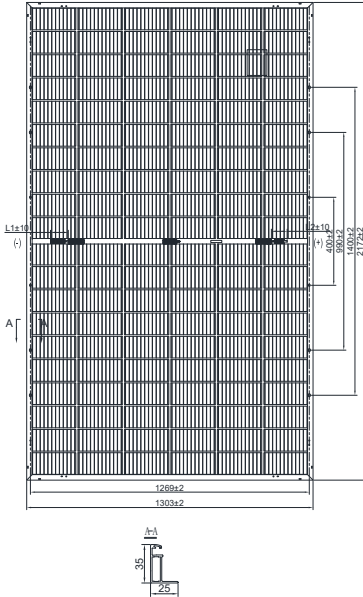


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Better Choice For Higher Efficiency!

# HT60-210(PD)-F

## 585W/590W/595W/600W/605W



### Electrical Characteristics (STC)

Module Type	HT60-210(PD)-F				
Maximum Power(Pmax)	585W	590W	595W	600W	605W
Open Circuit Voltage(Voc)	40.7V	40.9V	41.1V	41.3V	41.5V
Short Circuit Current(Isc)	18.32A	18.37A	18.42A	18.47A	18.52A
Maximum Power Voltage(Vmp)	34.3V	34.5V	34.7V	34.9V	35.1V
Maximum Power Current(Imp)	17.06A	17.11A	17.15A	17.20A	17.25A
Module Efficiency	20.7%	20.8%	21.0%	21.2%	21.4%
Power Tolerance	0 ~ +3%				
Maximum System Voltage	1500V DC(IEC)				
Maximum Series Fuse Rating	35A				
Operating Temperature	-40°C to +85°C				

\* STC: AM 1.5, Irradiance 1000W/m<sup>2</sup>, module temperature 25°C

### Electrical Characteristics (NMOT)

Module Type	HT60-210(PD)-F				
Maximum Power(Pmax)	443W	447W	451W	455W	458W
Open Circuit Voltage(Voc)	39.0V	39.2V	39.4V	39.6V	39.8V
Short Circuit Current(Isc)	14.75A	14.79A	14.84A	14.88A	14.92A
Maximum Power Voltage(Vmp)	32.9V	33.1V	33.3V	33.4V	33.6V
Maximum Power Current(Imp)	13.47A	13.50A	13.54A	13.62A	13.63A

\* NMOT: Irradiance 800W/m<sup>2</sup>, ambient temperature 20°C, wind speed 1m/s

### Bifacial output-rearside power gain

5%	Maximum Power(Pmax)	614W	620W	625W	630W	635W
	Module Efficiency	21.7%	21.9%	22.1%	22.3%	22.4%
15%	Maximum Power(Pmax)	673W	679W	684W	690W	696W
	Module Efficiency	23.8%	24.0%	24.2%	24.4%	24.6%
25%	Maximum Power(Pmax)	731W	738W	744W	750W	756W
	Module Efficiency	25.8%	26.1%	26.3%	26.5%	26.7%

Nominal Module Operating Temperature(NMOT) 43±2°C

Temperature Coefficient of Pmax  $\gamma$  (Pm) -0.33%/°C

Temperature Coefficient of Voc  $\beta$  (Voc) -0.26%/°C

Temperature Coefficient of Isc  $\alpha$  (Isc) 0.042%/°C

Solar Cells Monocrystalline 210× 105mm

No. of Cells 120 (6×20)

Dimensions 2172×1303×35mm

Weight 35.0(±0.5)kg

Glass (Front /Back) High transmission coated tempered glass/Heat strengthened glass

Frame Anodized aluminum alloy

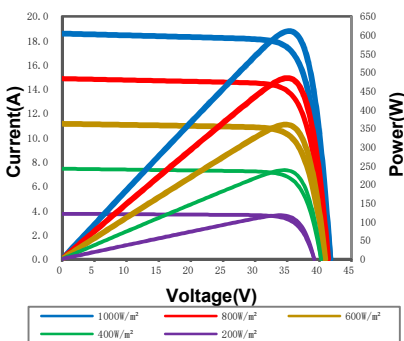
Junction Box IP68

Cable 4mm<sup>2</sup> (IEC) Length: (+) 400mm, (-) 300mm or customized

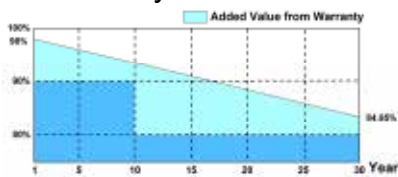
Connectors MC4 / MC4 Compatible

Packaging Configuration 31 pcs/box: 558 pcs/ 40' HQ Container

### • IV Curves



### • Warranty



12-year product warranty\*

30-year warranty on power output\*

\* Specific information is referred to the product quality guarantee

\*The module recycling should be carried out by the professional institutions at the end of module life cycle

\*Copyright@2024V1 Specifications are subject to change without further notification

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The energy of the future

**HIGH** High power

**645W/650W**  
**655W/660W/665W**



- Module Efficiency: 21.4%
- No. of Cells 132(6×22)
- Weight 38.5(±0.5)kg
- Dimensions 2384×1303×35mm
- Monocrystalline 210×105mm
- Bifaciality 70(±5)%



MULTIWAY+

# HT66-210(PD)-F

Double Glass PERC PV Module



Half cut cell technology can reduce the internal power loss and improve module overall power. Excellent heat dissipation avoids hot spot production.



Double glass, The optimized number and width of main gate lines, Maximize the light receiving area of modules and Reduce module power consumption.



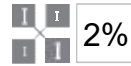
Designed for high voltage systems of up to 1500 VDC, increasing the string length of solar systems and saving on BoS costs.

**12Ys**

Products warranty

**30Ys**

Warranty on power output



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**EL**

Microcrack resistant Double glass structure enhance reliability, double EL tested of high quality control.

**0~+3%**

Positive tolerance 0~+3% guaranteed



Entire module certified to with stand extreme wind(2400 Pa) and snow loads (5400 Pa)

**Anti PID**

PID resistant

**Comprehensive and first-rate certification system**

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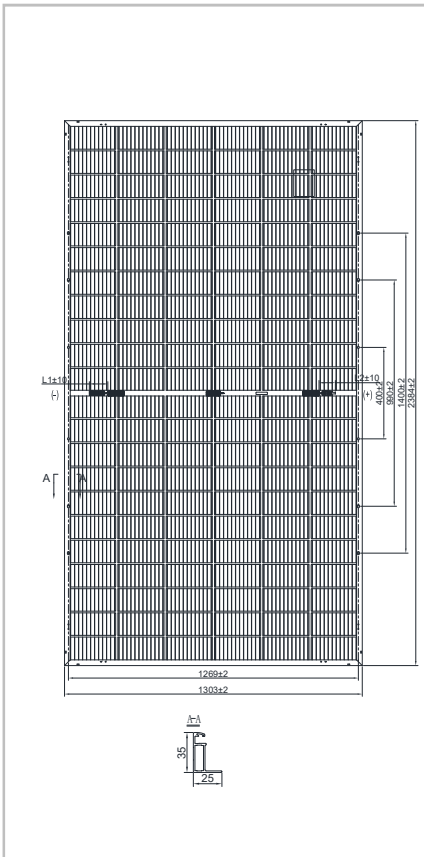
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# MULTIWAY+

Better Choice For Higher Efficiency!

# HT66-210(PD)-F

## 645W/650W/655W/660W/665W



### Electrical Characteristics (STC)

Module Type	HT66-210(PD)-F				
Maximum Power(Pmax)	645W	650W	655W	660W	665W
Open Circuit Voltage(Voc)	44.8V	45.0V	45.2V	45.4V	45.6V
Short Circuit Current(Isc)	18.35A	18.39A	18.43A	18.47A	18.51A
Maximum Power Voltage(Vmp)	37.7V	37.9V	38.1V	38.3V	38.5V
Maximum Power Current(Imp)	17.11A	17.16A	17.20A	17.24A	17.28A
Module Efficiency	20.8%	20.9%	21.1%	21.2%	21.4%
Power Tolerance	0 ~ +3%				
Maximum System Voltage	1500V DC(IEC)				
Maximum Series Fuse Rating	35A				
Operating Temperature	-40°C to +85°C				

\* STC: AM 1.5, Irradiance 1000W/m<sup>2</sup>, module temperature 25°C

### Electrical Characteristics (NMOT)

Module Type	HT66-210(PD)-F				
Maximum Power(Pmax)	489W	493W	496W	500W	504W
Open Circuit Voltage(Voc)	42.9V	43.1V	43.3V	43.5V	43.7V
Short Circuit Current(Isc)	14.78A	14.81A	14.84A	14.88A	14.91A
Maximum Power Voltage(Vmp)	36.1V	36.3V	36.5V	36.7V	36.9V
Maximum Power Current(Imp)	13.55A	13.58A	13.59A	13.62A	13.66A

\* NMOT: Irradiance 800W/m<sup>2</sup>, ambient temperature 20°C, wind speed 1m/s

### Bifacial output-rearside power gain

5%	Maximum Power(Pmax)	677W	683W	688W	693W	698W
	Module Efficiency	21.8%	22.0%	22.1%	22.3%	22.5%
15%	Maximum Power(Pmax)	742W	748W	753W	759W	765W
	Module Efficiency	23.9%	24.1%	24.2%	24.4%	24.6%
25%	Maximum Power(Pmax)	806W	813W	819W	825W	831W
	Module Efficiency	26.0%	26.2%	26.4%	26.6%	26.8%

Nominal Module Operating Temperature(NMOT) 43±2°C

Temperature Coefficient of Pmax  $\gamma$  (Pm) -0.33%/°C

Temperature Coefficient of Voc  $\beta$  (Voc) -0.26%/°C

Temperature Coefficient of Isc  $\alpha$  (Isc) 0.042%/°C

Solar Cells Monocrystalline 210× 105mm

No. of Cells 132 (6×22)

Dimensions 2384× 1303×35mm

Weight 38.5(±0.5)kg

Glass (Front /Back) High transmission coated tempered glass/Heat strengthened glass

Frame Anodized aluminum alloy

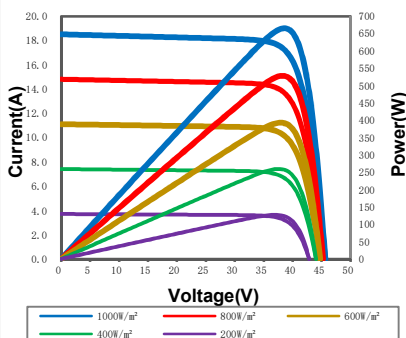
Junction Box IP68

Cable 4mm<sup>2</sup> (IEC) Length: (+) 400mm, (-) 300mm or customized

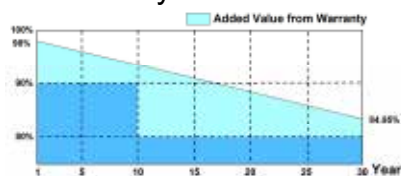
Connectors MC4 / MC4 Compatible

Packaging Configuration 31 pcs/box: 558 pcs/ 40' HQ Container

### IV Curves



### Warranty



12-year product warranty\*

30-year warranty on power output\*

\* Specific information is referred to the product quality guarantee

\*The module recycling should be carried out by the professional institutions at the end of module life cycle

\*Copyright@2024V1 Specifications are subject to change without further notification

MULTIWAY+