

## Electrical Characteristics Under STC\*

Module Type	DYM32-30	DYM32-40	DYM36-50	DYM33-60	DYM33-80
Maximum Power-Pmax (Wp)	30	40	50	60	80
Voltage at Maximum Power-Vmp (V)	18.0	18.0	20.0	18.5	18.5
Current at Maximum Power -Imp (A)	1.67	2.23	2.32	3.25	4.33
Open Circuit Voltage-Voc (V)	21.9	21.9	24.7	22.7	22.7
Short Circuit Current-Isc (A)	1.76	2.35	2.60	3.43	4.58
Module Efficiency- $\eta_m$ (%)	17.9	15.5	16.3	17.8	18.3
Power Tolerance (W)	0/+3	0/+3	0/+3	0/+3	0/+3
Maximum System Voltage	1500VDC				
Operating Temperature	-40°C ~ +85°C				

## Mechanical Characteristics

Module Type	DYM32-30	DYM32-40	DYM36-50	DYM33-60	DYM33-80
Number of Cells	32 (4×8)	32 (2×16)	36 (3×12)	33 (3×11)	33 (3×11)
Dimension (mm, L*W*H)	430×390×25	660×390×25	520×590×25	570×590×25	740×590×30
Weight (kg)	2.0	3.0	3.6	4.0	5.1
Tempered Glass (mm)	3.2	3.2	3.2	3.2	3.2
Junction Box	IP65	IP65	IP65	IP65	IP65
Cable	/	/	/	/	/

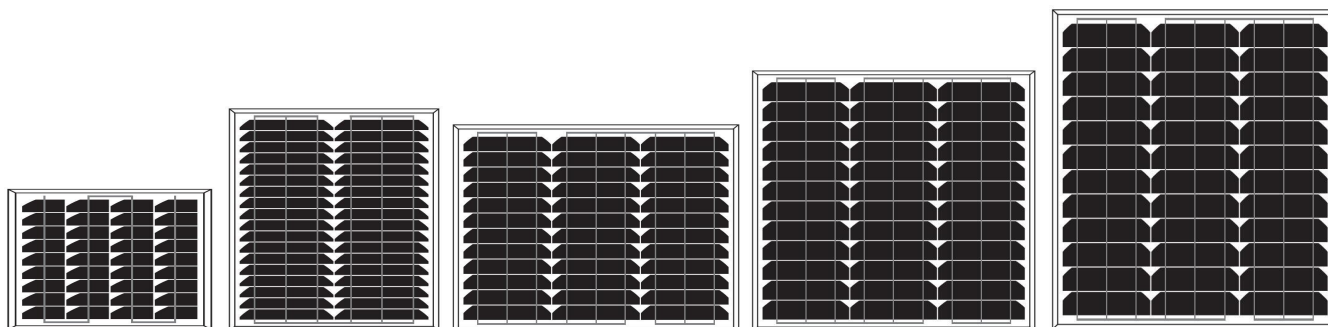
## Temperature Characteristics

Temperature coefficient of Pmax	-0.38%/°C
Temperature coefficient of Voc	-0.29%/°C
Temperature coefficient of Isc	0.05%/°C

## Warranty

10-year product warranty
10-year warranty for 90% power output
25-year warranty for 80% power output

**Attention: The pictures below are only used to compare with each other among the models in this page.**



### Remarks:

\*STC (Standard Testing Conditions) : Irradiance 1000/ $m^2$ , Cell temperature 25°C, AM 1.5

\*NOCT(Nominal Operating Cell Temperature): Irradiance 800W/ $m^2$ , Ambient temperature 20°C, AM 1.5, Wind speed 1m/s

\*Electrical data in this sheet don't refer to a single module. They are not part of the offer, unless particularly stipulated.

## Electrical Characteristics Under STC\*

Module Type	DYM33-100	DYM33-120	DYM33-160	DYM36-180	DYM42-200
Maximum Power-Pmax (Wp)	100	120	160	180	200
Voltage at Maximum Power-Vmp (V)	18.5	18.5	18.5	20.2	23.1
Current at Maximum Power -Imp (A)	5.41	6.49	8.65	8.92	8.66
Open Circuit Voltage-Voc (V)	22.7	22.7	22.7	23.4	27.3
Short Circuit Current-Isc (A)	5.72	6.87	9.15	9.86	9.51
Module Efficiency- $\eta_m$ (%)	17.8	19.2	19.4	20.0	19.3
Power Tolerance (W)	0/+3	0/+3	0/+3	0/+3	0/+3
Maximum System Voltage	1500VDC				
Operating Temperature	-40°C ~ +85°C				

## Mechanical Characteristics

Module Type	DYM33-100	DYM33-120	DYM33-160	DYM36-180	DYM42-200
Number of Cells	33 (3×11)	33 (3×11)	33 (3×11)	36 (3×12)	42 (3×14)
Dimension (mm)	840×670×30	1070×585×30	1230×670×30	1340×670×30	1550×670×30
Weight (kg)	6.6	7.4	9.7	10.6	12.2
Tempered Glass (mm)	3.2	3.2	3.2	3.2	3.2
Junction Box	IP65	IP65	IP65	IP65	IP65
Cable	/	/	/	/	/

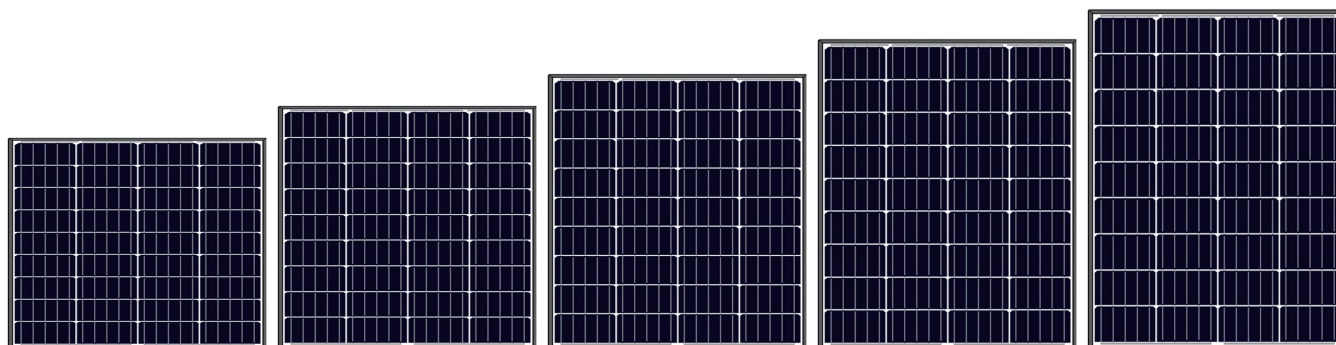
## Temperature Characteristics

Temperature coefficient of Pmax	-0.38%/°C
Temperature coefficient of Voc	-0.29%/°C
Temperature coefficient of Isc	0.05%/°C

## Warranty

10-year product warranty
10-year warranty for 90% power output
25-year warranty for 80% power output

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### Remarks:

\*STC (Standard Testing Conditions) : Irradiance 1000/ $m^2$ , Cell temperature 25°C, AM 1.5

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### Electrical Characteristics Under STC\*

Module Type	DYM56-210	DYM60-230	DYM48-240
Maximum Power-Pmax (Wp)	210	230	240
Voltage at Maximum Power-Vmp (V)	16.3	17.4	28.3
Current at Maximum Power -Imp (A)	12.9	13.3	8.49
Open Circuit Voltage-Voc (V)	19.3	20.7	33.1
Short Circuit Current-Isc (A)	13.9	14.2	9.30
Module Efficiency- $\eta_m$ (%)	20.2	20.7	20.3
Power Tolerance (W)	0/+3	0/+3	0/+3
Dimensions (mm, L×W×H)	1350×770×30	1445×770×30	1335×885×30
Weight (kg)	12.2	13.1	13.9
Maximum Series Fuse	20A	20A	15A
Operating Temperature	-40°C ~ +85°C		
Maximum System Voltage	1000VDC (IEC)		

### Electrical Characteristics Under STC\*

Module Type	DYM52-260	DYM56-280	DYM60-300
Maximum Power-Pmax (Wp)	260	280	300
Voltage at Maximum Power-Vmp (V)	30.7	32.7	35.4
Current at Maximum Power -Imp (A)	8.47	8.57	8.47
Open Circuit Voltage-Voc (V)	35.9	38.6	41.4
Short Circuit Current-Isc (A)	9.28	9.29	9.29
Module Efficiency- $\eta_m$ (%)	20.4	20.5	20.5
Power Tolerance (W)	0/+3	0/+3	0/+3
Dimensions (mm, L×W×H)	1440×885×30	1545×885×30	1650×885×30
Weight (kg)	15.0	16.1	17.2
Maximum Series Fuse	15A	15A	15A
Operating Temperature	-40°C ~ +85°C		
Maximum System Voltage	1000VDC (IEC)		

### Mechanical Characteristics

Cell Type	Mono Crystalline
Front Material	Tempered glass 3.2mm
Junction Box	IP65, 900mm cable
Connector	MC4 Compatible

### Temperature Characteristics

NOCT	45±2°C
Temperature coefficient of Pmax	-0.38%/°C
Temperature coefficient of Voc	-0.29%/°C
Temperature coefficient of Isc	0.05%/°C

#### Remarks:

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\*NOCT(Nominal Operating Cell Temperature): Irradiance 800W/ $m^2$ , Ambient temperature 20°C, AM 1.5, Wind speed 1m/s

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