



PRODUCT CATALOGUE

*Building the Solar World with
Technology & Wisdom*

Techwise Solar Technology Co.,Ltd.

ABOUT US

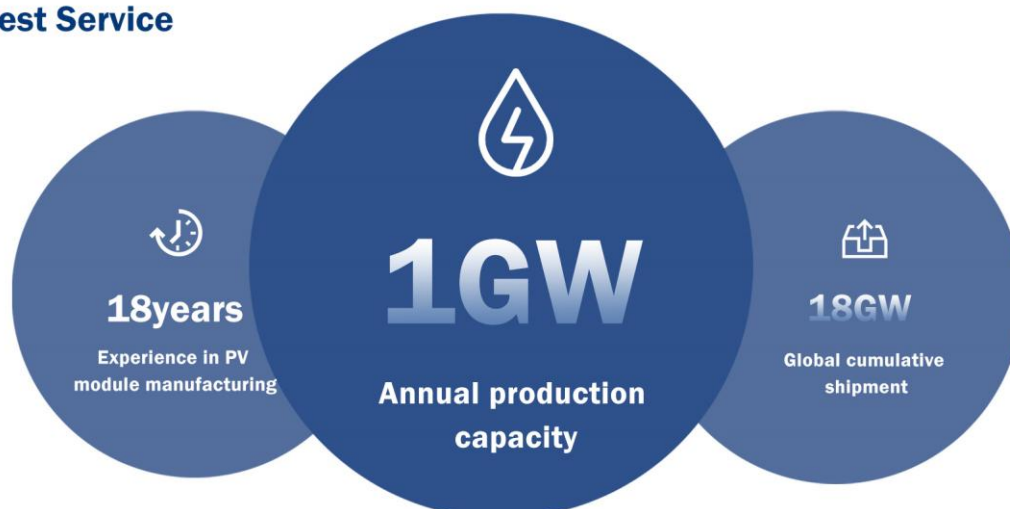
Techwise Solar Technology Co., Ltd. is a company specialized in providing solutions of solar power generation by efficiently utilizing solar energy. We are a new energy solution provider integrating researching, producing, marketing, constructing, operating and maintaining.

We have multiple new intelligent production lines that can realize fully automatic production like lossless laser cutting, millimeter-level tack soldering, automatic type-setting, intelligent equipment testing, etc. With annual production capacity of 1GW, our current production lines cover production of solar panels including cell sizes of 166、182P、183.75N 210R、 and 210N. We have realized the production of Perc, TOPCon and Bifacial panels. We can also provide customized service. We have achieved certificates like TUV、CE、ISO、CGC, etc.

We carefully select raw materials and suppliers, and strictly obey the product quality standard. By virtue of excellent product quality, continuous technology innovation, and professional service, Techwise Solar has been approved by both domestic and overseas customers. We have been keeping long-term cooperation with Tier 1 brands universally, providing professional ODM/ OEM service, and won a good reputation in the solar industry.



- **Advanced Technology**
- **High Cost Performance**
- **Quality Assurance**
- **Fully Automatic Production Line**
- **Provide Professional ODM/OEM Service**
- **1V1 Best Service**



Catalogue

Sun-Pursuit Pro Series (182*182 TOPCon) 03-14

TW-450HT-06	TW-445HT-06	TW-450HTS-06
TW-500HT-06	TW-495HT-06	TW-500HTS-06
TW-550HT-06	TW-545HT-06	TW-550HTS-06
TW-600HT-06	TW-595HT-06	TW-600HTS-06

Sun-Pursuit Plus Series (182*210 TOPCon) 15-28

TW-450HT-02	TW-445HT-02	TW-455HTS-02
TW-505HT-02	TW-500HT-02	TW-510HTS-02
TW-565HT-02	TW-560HT-02	TW-565HTS-02
TW-620HT-02	TW-615HT-02	TW-625HTS-02

(182*199 TOPCon) (182*188 TOPCon)

TW-595HD-1	TW-615HD-1
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Sun-Pursuit Series (182) 29-40

TW-415HT-1	TW-410HTB-1	TW-420HC-1
TW-460HT	TW-455HTB	TW-465HC
TW-505HT	TW-500HTB	TW-510HC
TW-555HT	TW-550HTB	TW-560HC

Summit Pro Series (210N) 41-42

TW-655HT-01	TW-720HT-01
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Micro Sun Series (157/182/210) 43-55

TW-40MM-1	TW-50MM-1	TW-70MM-1
TW-80MM-1	TW-100MM-1	TW-150MM
TW-165MM-1	TW-180MM	TW-200MM-1
TW-205MM-1	TW-250MM	TW-280MM-1
TW-300MM-1		



Sun-Pursuit Pro Series(182*182)

425-600W

0-3%Positive Tolerance

TOPCon

Product feature

- High power efficiency
- Lower heat spot risk
- Resilient to extreme weather
- Excellent low-light performance
- TUV, CE, CGC, Certificate
- 15 Years Product Warranty /30 Years Linear Power Warranty



Sun-Pursuit Pro Series 182 >>> TW-450HT-06(N TYPE)

0-3%Positive Tolerance



TOPCon technology



Lower heat spot risk



Excellent low-light performance



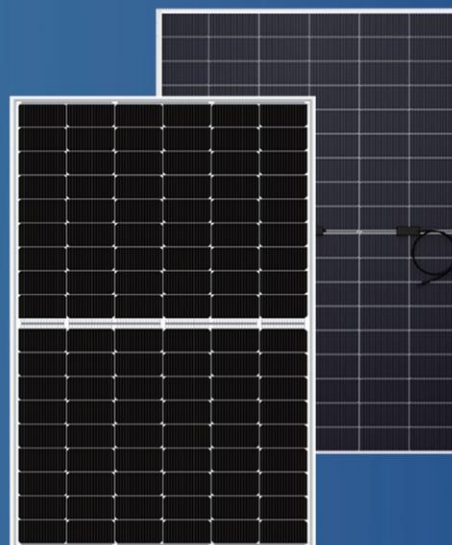
Resilient to extreme weather



PID resistant



Double-sided electricity generation



STC standard performance >>>

Power Level	430	435	440	445	450
Pmax(W)	430	435	440	445	450
Vmp(V)	32.98	33.23	33.49	33.74	33.99
Imp(A)	13.04	13.09	13.14	13.19	13.24
Voc(V)	39.69	39.98	40.28	40.39	40.68
Isc(A)	13.71	13.77	13.83	13.89	13.95
Module Efficiency(%)	22.02	22.28	22.53	22.79	23.04

Module Specification >>>

Cell Type	Mono crystalline
Cell Quantity	108cell
Cell Size(mm)	182*91
Module Size(mm)	1722*1134*30
Module Weight(kg)	24.6
Glass Thickness(mm)	2.0
Frame Material	Anodizedaluminum alloy
Junction Box	IP68
Cable/Connector	4mm ² ,MC4compatible
Cable Length	+300mm/-300mm;or Customize
Max System Volt(V)	1500VDC
Max Fuse Rate(A)	30
Power Tolerance	0-+3%

Sun-Pursuit Pro Series 182 >>> TW-500HT-06(N TYPE)

0-3% Positive Tolerance



TOPCon technology



Lower heat spot risk



Excellent low-light performance



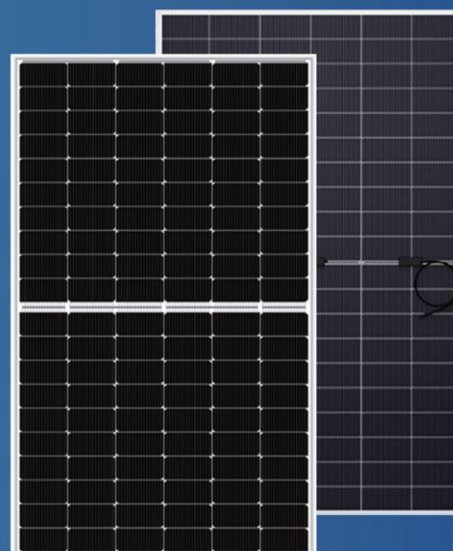
Resilient to extreme weather



PID resistant



Double-sided electricity generation



STC standard performance >>>

Power Level	480	485	490	495	500
Pmax(W)	480	485	490	495	500
Vmp(V)	36.70	36.94	37.18	37.41	37.65
Imp(A)	13.08	13.13	13.18	13.23	13.28
Voc(V)	43.93	44.20	44.33	44.52	44.71
Isc(A)	13.83	13.89	13.95	14.01	14.06
Module Efficiency(%)	22.16	22.39	22.62	22.85	23.08

Module Specification >>>

Cell Type	Mono crystalline
Cell Quantity	120cell
Cell Size(mm)	182*91
Module Size(mm)	1910*1134*30
Module Weight(kg)	26.8
Glass Thickness(mm)	2.0
Frame Material	Anodized aluminum alloy
Junction Box	IP68
Cable/Connector	4mm ² , MC4 compatible
Cable Length	+300mm/-300mm; or Customize
Max System Volt(V)	1500VDC
Max Fuse Rate(A)	30
Power Tolerance	0~+3%

Sun-Pursuit Pro Series 182 >>> TW-550HT-06(N TYPE)

0-3%Positive Tolerance



TOPCon technology



Lower heat spot risk



Excellent low-light performance



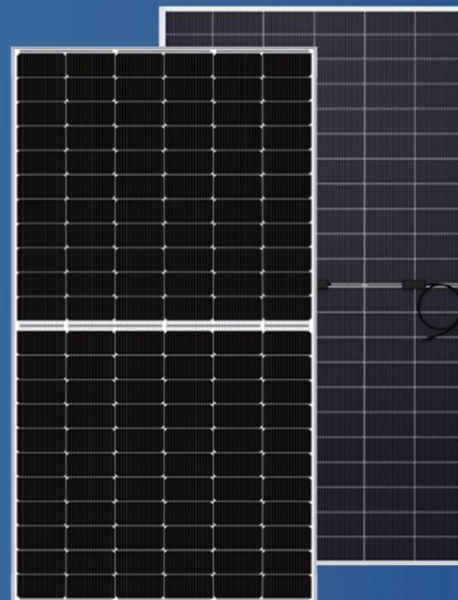
Resilient to extreme weather



PID resistant



Double-sided electricity generation



STC standard performance >>>

Power Level	530	535	540	545	550
Pmax(W)	530	535	540	545	550
Vmp(V)	40.37	40.59	40.82	41.04	41.26
Imp(A)	13.13	13.18	13.23	13.28	13.33
Voc(V)	48.06	48.30	48.37	48.54	48.72
Isc(A)	13.96	14.02	14.08	14.14	14.19
Module Efficiency(%)	22.32	22.53	22.74	22.95	23.16

Module Specification >>>

Cell Type	Mono crystalline
Cell Quantity	132cell
Cell Size(mm)	182*91
Module Size(mm)	2094*1134*30
Module Weight(kg)	29.2
Glass Thickness(mm)	2.0
Frame Material	Anodizedaluminum alloy
Junction Box	IP68
Cable/Connector	4mm ² ,MC4compatible
Cable Length	+300mm/-300mm;or Customize
Max System Volt(V)	1500VDC
Max Fuse Rate(A)	30
Power Tolerance	0-+3%

Sun-Pursuit Pro Series 182 >>> TW-600HT-06(N TYPE)

0-3%Positive Tolerance



TOPCon technology



Lower heat spot risk



Excellent low-light performance



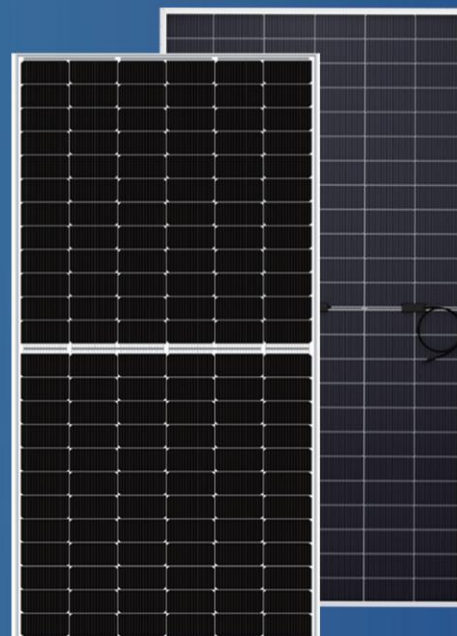
Resilient to extreme weather



PID resistant



Double-sided electricity generation



STC standard performance >>>

Power Level	580	585	590	595	600
Pmax(W)	580	585	590	595	600
Vmp(V)	43.91	44.15	44.36	44.57	44.78
Imp(A)	13.20	13.25	13.30	13.35	13.40
Voc(V)	51.86	52.10	52.31	52.40	52.55
Isc(A)	14.11	14.17	14.23	14.28	14.34
Module Efficiency(%)	22.45	22.65	22.84	23.03	23.23

Module Specification >>>

Cell Type	Mono crystalline
Cell Quantity	144cell
Cell Size(mm)	182*91
Module Size(mm)	2278*1134*30
Module Weight(kg)	31.2
Glass Thickness(mm)	2.0
Frame Material	Anodizedaluminum alloy
Junction Box	IP68
Cable/Connector	4mm ² ,MC4compatible
Cable Length	+300mm/-300mm;or Customize
Max System Volt(V)	1500VDC
Max Fuse Rate(A)	30
Power Tolerance	0-+3%

Sun-Pursuit Pro Series 182 >>> TW-445HT-06 (FULL BLACK)

0-3% Positive Tolerance



TOPCon technology



Lower heat spot risk



Excellent low-light performance



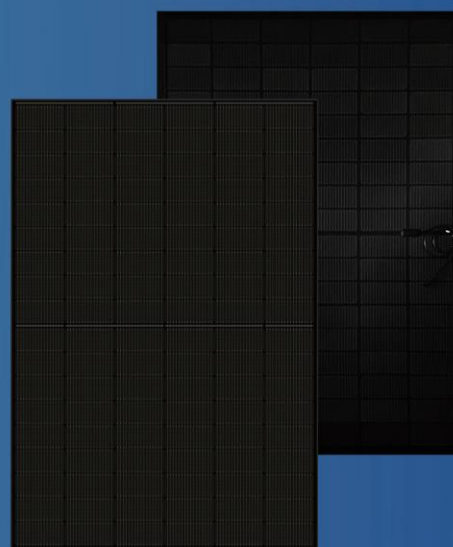
Resilient to extreme weather



PID resistant



Double-sided electricity generation



STC standard performance >>>

Power Level	425	430	435	440	445
Pmax(W)	425	430	435	440	445
Vmp(V)	32.72	32.98	33.23	33.49	33.74
Imp(A)	12.99	13.04	13.09	13.14	13.19
Voc(V)	39.40	39.69	39.98	40.28	40.39
Isc(A)	13.66	13.71	13.77	13.83	13.89
Module Efficiency(%)	21.76	22.02	22.28	22.53	22.79

Module Specification >>>

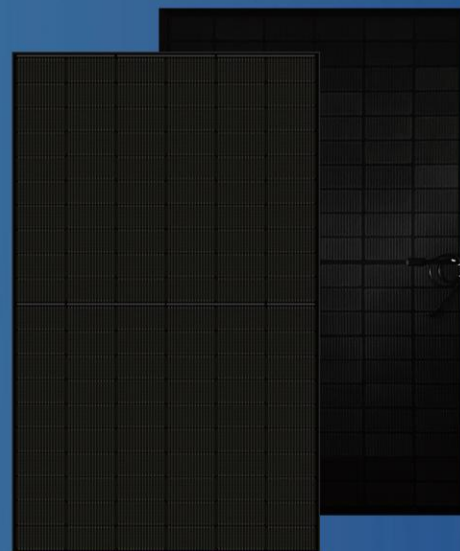
Cell Type	Mono crystalline
Cell Quantity	108cell
Cell Size(mm)	182*91
Module Size(mm)	1722*1134*30
Module Weight(kg)	24.6
Glass Thickness(mm)	2.0
Frame Material	Anodized aluminum alloy
Junction Box	IP68
Cable/Connector	4mm ² , MC4 compatible
Cable Length	+300mm/-300mm; or Customize
Max System Volt(V)	1500VDC
Max Fuse Rate(A)	30
Power Tolerance	0-+3%

Sun-Pursuit Pro Series 182 >>>

TW-495HT-06 (FULL BLACK)

0-3% Positive Tolerance

-  TOPCon technology
-  Lower heat spot risk
-  Excellent low-light performance
-  Resilient to extreme weather
-  PID resistant
-  Double-sided electricity generation



STC standard performance >>>

Power Level	475	480	485	490	495
Pmax(W)	475	480	485	490	495
Vmp(V)	36.45	36.70	36.94	37.18	37.41
Imp(A)	13.03	13.08	13.13	13.18	13.23
Voc(V)	43.64	43.93	44.20	44.33	44.52
Isc(A)	13.78	13.83	13.89	13.95	14.01
Module Efficiency(%)	21.93	22.16	22.39	22.62	22.85

Module Specification >>>

Cell Type	Mono crystalline
Cell Quantity	120cell
Cell Size(mm)	182*91
Module Size(mm)	1910*1134*30
Module Weight(kg)	26.8
Glass Thickness(mm)	2.0
Frame Material	Anodized aluminum alloy
Junction Box	IP68
Cable/Connector	4mm ² , MC4 compatible
Cable Length	+300mm/-300mm; or Customize
Max System Volt(V)	1500VDC
Max Fuse Rate(A)	30
Power Tolerance	0-+3%

Sun-Pursuit Pro Series 182 >>> TW-545HT-06 (FULL BLACK)

0-3% Positive Tolerance



TOPCon technology



Lower heat spot risk



Excellent low-light performance



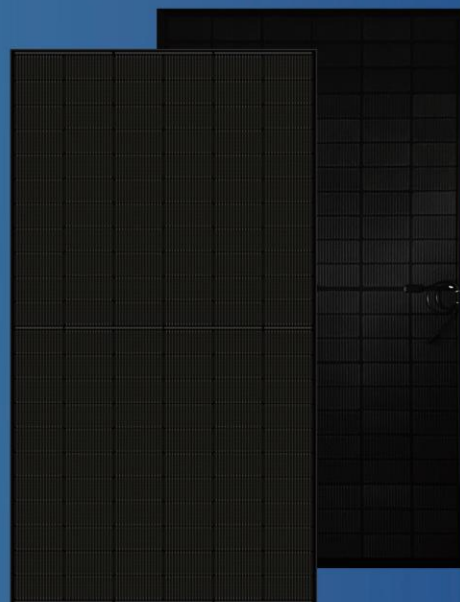
Resilient to extreme weather



PID resistant



Double-sided electricity generation



STC standard performance >>>

Power Level	525	530	535	540	545
Pmax(W)	525	530	535	540	545
Vmp(V)	40.14	40.37	40.59	40.82	41.04
Imp(A)	13.08	13.13	13.18	13.23	13.28
Voc(V)	47.80	48.06	48.30	48.37	48.54
Isc(A)	13.90	13.96	14.02	14.08	14.14
Module Efficiency(%)	22.11	22.32	22.53	22.74	22.95

Module Specification >>>

Cell Type	Mono crystalline
Cell Quantity	132cell
Cell Size(mm)	182*91
Module Size(mm)	2094*1134*30
Module Weight(kg)	29.2
Glass Thickness(mm)	2.0
Frame Material	Anodized aluminum alloy
Junction Box	IP68
Cable/Connector	4mm ² , MC4 compatible
Cable Length	+300mm/-300mm; or Customize
Max System Volt(V)	1500VDC
Max Fuse Rate(A)	30
Power Tolerance	0-+3%

Sun-Pursuit Pro Series 182 >>> TW-595HT-06 (FULL BLACK)

0-3% Positive Tolerance



TOPCon technology



Lower heat spot risk



Excellent low-light performance



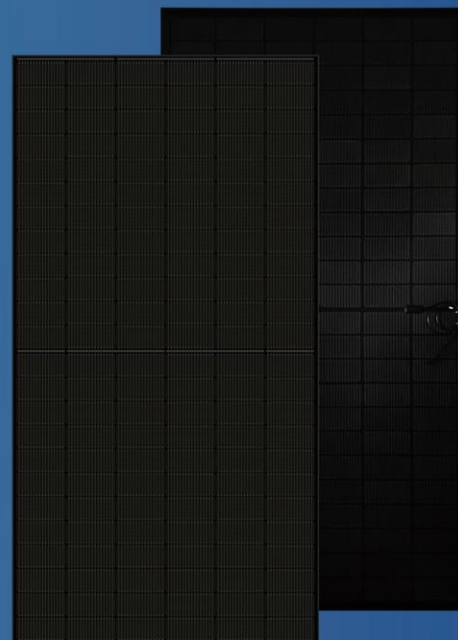
Resilient to extreme weather



PID resistant



Double-sided electricity generation



STC standard performance >>>

Power Level	575	580	585	590	595
Pmax(W)	575	580	585	590	595
Vmp(V)	43.73	43.91	44.15	44.36	44.57
Imp(A)	13.15	13.20	13.25	13.30	13.35
Voc(V)	51.63	51.86	52.10	52.31	52.40
Isc(A)	14.05	14.11	14.17	14.23	14.28
Module Efficiency(%)	22.26	22.45	22.65	22.84	23.03

Module Specification >>>

Cell Type	Mono crystalline
Cell Quantity	144cell
Cell Size(mm)	182*91
Module Size(mm)	2278*1134*30
Module Weight(kg)	31.2
Glass Thickness(mm)	2.0
Frame Material	Anodized aluminum alloy
Junction Box	IP68
Cable/Connector	4mm ² , MC4 compatible
Cable Length	+300mm/-300mm; or Customize
Max System Volt(V)	1500VDC
Max Fuse Rate(A)	30
Power Tolerance	0~+3%

Sun-Pursuit Pro Series 182 >>> TW-450HTS-06(N TYPE)

0-3%Positive Tolerance



TOPCon technology



Lower heat spot risk



Excellent low-light performance



Resilient to extreme weather



PID resistant



STC standard performance >>>

Power Level	430	435	440	445	450
Pmax(W)	430	435	440	445	450
Vmp(V)	33.00	33.23	33.46	33.69	33.91
Imp(A)	13.03	13.09	13.15	13.21	13.27
Voc(V)	39.80	40.07	40.35	40.63	40.90
Isc(A)	13.62	13.68	13.74	13.80	13.86
Module Efficiency(%)	22.02	22.28	22.53	22.79	23.04

Module Specification >>>

Cell Type	Mono crystalline
Cell Quantity	108cell
Cell Size(mm)	182*91
Module Size(mm)	1722*1134*30
Module Weight(kg)	21.4
Glass Thickness(mm)	3.2
Frame Material	Anodizedaluminum alloy
Junction Box	IP68
Cable/Connector	4mm ² ,MC4compatible
Cable Length	+300mm/-300mm;or Customize
Max System Volt(V)	1500VDC
Max Fuse Rate(A)	30
Power Tolerance	0-+3%

Sun-Pursuit Pro Series 182 >>> TW-500HTS-06(N TYPE)

0-3%Positive Tolerance



TOPCon technology



Lower heat spot risk



Excellent low-light performance



Resilient to extreme weather



PID resistant



STC standard performance >>>

Power Level	480	485	490	495	500
Pmax(W)	480	485	490	495	500
Vmp(V)	36.61	36.83	37.04	37.25	37.45
Imp(A)	13.11	13.17	13.23	13.29	13.35
Voc(V)	44.10	44.37	44.63	44.89	45.13
Isc(A)	13.71	13.77	13.83	13.90	13.96
Module Efficiency(%)	22.16	22.39	22.62	22.85	23.08

Module Specification >>>

Cell Type	Mono crystalline
Cell Quantity	120cell
Cell Size(mm)	182*91
Module Size(mm)	1910*1134*30
Module Weight(kg)	23.3
Glass Thickness(mm)	3.2
Frame Material	Anodizedaluminum alloy
Junction Box	IP68
Cable/Connector	4mm ² ,MC4compatible
Cable Length	+300mm/-300mm;or Customize
Max System Volt(V)	1500VDC
Max Fuse Rate(A)	30
Power Tolerance	0-+3%

Sun-Pursuit Pro Series 182

TW-550HTS-06(N TYPE)

0-3%Positive Tolerance



TOPCon technology



Lower heat spot risk



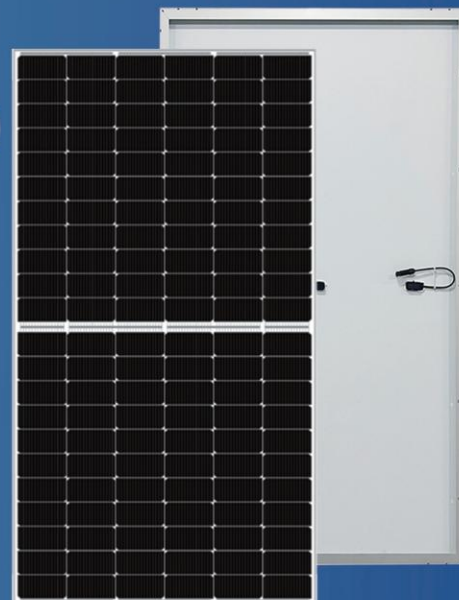
Excellent low-light performance



Resilient to extreme weather



PID resistant



STC standard performance >>>

Power Level	530	535	540	545	550
Pmax(W)	530	535	540	545	550
Vmp(V)	40.37	40.56	40.75	40.95	41.14
Imp(A)	13.13	13.19	13.25	13.31	13.37
Voc(V)	48.58	48.82	49.05	49.30	49.53
Isc(A)	13.74	13.81	13.87	13.93	13.99
Module Efficiency(%)	22.32	22.53	22.74	22.95	23.16

Module Specification >>>

Cell Type	Mono crystalline
Cell Quantity	132cell
Cell Size(mm)	182*91
Module Size(mm)	2094*1134*30
Module Weight(kg)	25.2
Glass Thickness(mm)	3.2
Frame Material	Anodizedaluminum alloy
Junction Box	IP68
Cable/Connector	4mm ² ,MC4compatible
Cable Length	+300mm/-300mm;or Customize
Max System Volt(V)	1500VDC
Max Fuse Rate(A)	30
Power Tolerance	0-+3%

Sun-Pursuit Pro Series 182 >>> TW-600HTS-06(N TYPE)

0-3%Positive Tolerance



TOPCon technology



Lower heat spot risk



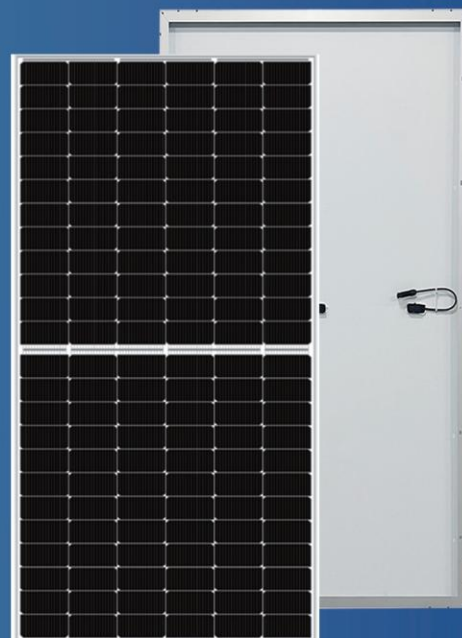
Excellent low-light performance



Resilient to extreme weather



PID resistant



STC standard performance >>>

Power Level	580	585	590	595	600
Pmax(W)	580	585	590	595	600
Vmp(V)	44.11	44.28	44.46	44.64	44.81
Imp(A)	13.15	13.21	13.27	13.33	13.39
Voc(V)	53.03	53.24	53.46	53.68	53.89
Isc(A)	13.78	13.84	13.90	13.96	14.02
Module Efficiency(%)	22.44	22.64	22.83	23.02	23.22

Module Specification >>>

Cell Type	Mono crystalline
Cell Quantity	144cell
Cell Size(mm)	182*91
Module Size(mm)	2278*1134*30
Module Weight(kg)	27.8
Glass Thickness(mm)	3.2
Frame Material	Anodizedaluminum alloy
Junction Box	IP68
Cable/Connector	4mm ² ,MC4compatible
Cable Length	+300mm/-300mm;or Customize
Max System Volt(V)	1500VDC
Max Fuse Rate(A)	30
Power Tolerance	0-+3%



Sun-Pursuit Plus Series(182*210)

425-625W

0-3%Positive Tolerance

TOPCon

Product feature

- High power efficiency
- Lower heat spot risk
- Resilient to extreme weather
- Excellent low-light performance
- TUV, CE, CGC, Certificate
- 15 Years Product Warranty /30 Years Linear Power Warranty



Sun-Pursuit Plus Series 182*210 >>>

TW-450HT-02(N TYPE)

0-3%Positive Tolerance



TOPCon technology



Lower heat spot risk



Excellent low-light performance



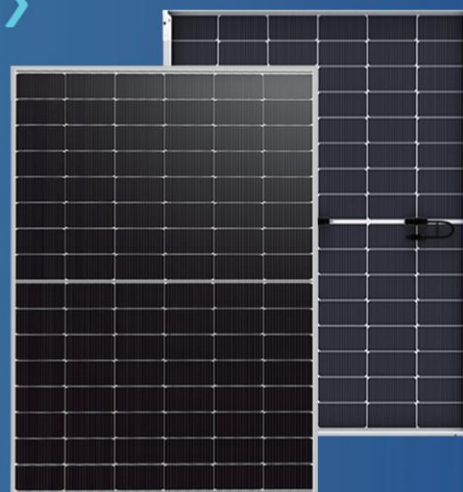
Resilient to extreme weather



PID resistant



Double-sided electricity generation



STC standard performance >>>

Power Level	430	435	440	445	450
Pmax(W)	430	435	440	445	450
Vmp(V)	28.84	29.08	29.31	29.55	29.78
Imp(A)	14.91	14.96	15.01	15.06	15.11
Voc(V)	34.93	35.20	35.47	35.75	36.02
Isc(A)	15.58	15.64	15.70	15.76	15.82
Module Efficiency(%)	21.52	21.77	22.02	22.27	22.52

Module Specification >>>

Cell Type	Mono crystalline
Cell Quantity	96cell
Cell Size(mm)	182*105
Module Size(mm)	1762*1134*30
Module Weight(kg)	25
Glass Thickness(mm)	2.0
Frame Material	Anodizedaluminum alloy
Junction Box	IP68
Cable/Connector	4mm ² ,MC4compatible
Cable Length	+300mm/-300mm;or Customize
Max System Volt(V)	1500VDC
Max Fuse Rate(A)	30
Power Tolerance	0-+3%

Sun-Pursuit Plus Series 182*210 >>>

TW-505HT-02(N TYPE)

0-3%Positive Tolerance



TOPCon technology



Lower heat spot risk



Excellent low-light performance



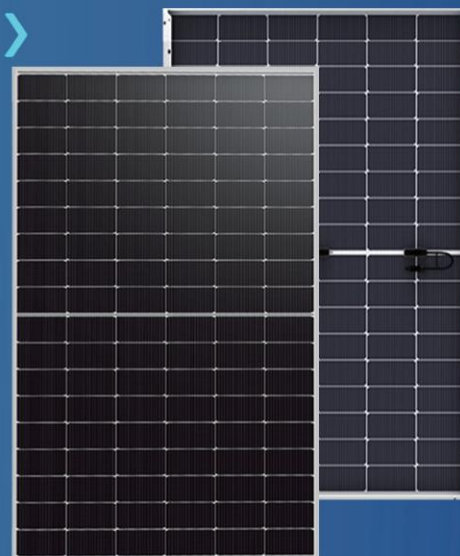
Resilient to extreme weather



PID resistant



Double-sided electricity generation



STC standard performance >>>

Power Level	485	490	495	500	505
Pmax(W)	485	490	495	500	505
Vmp(V)	32.38	32.60	32.82	33.05	33.27
Imp(A)	14.98	15.03	15.08	15.13	15.18
Voc(V)	39.01	39.26	39.51	39.77	40.02
Isc(A)	15.74	15.80	15.86	15.91	15.97
Module Efficiency(%)	21.81	22.03	22.26	22.48	22.71

Module Specification >>>

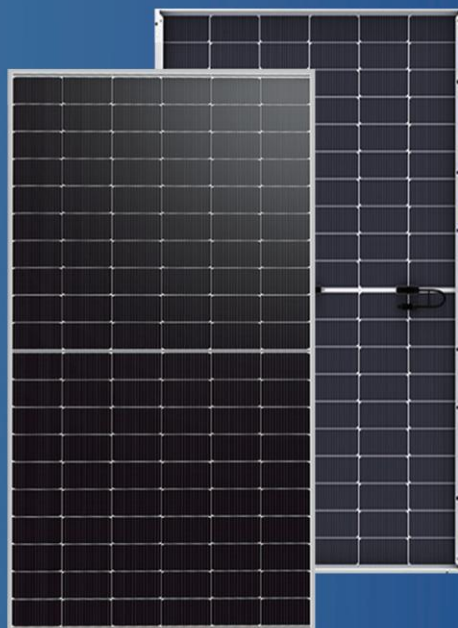
Cell Type	Mono crystalline
Cell Quantity	108cell
Cell Size(mm)	182*105
Module Size(mm)	1961*1134*30
Module Weight(kg)	27.5
Glass Thickness(mm)	2.0
Frame Material	Anodizedaluminum alloy
Junction Box	IP68
Cable/Connector	4mm ² ,MC4compatible
Cable Length	+300mm/-300mm;or Customize
Max System Volt(V)	1500VDC
Max Fuse Rate(A)	30
Power Tolerance	0-+3%

Sun-Pursuit Plus Series 182*210 >>>

TW-565HT-02(N TYPE)

0-3%Positive Tolerance

-  TOPCon technology
-  Lower heat spot risk
-  Excellent low-light performance
-  Resilient to extreme weather
-  PID resistant
-  Double-sided electricity generation



STC standard performance >>>

Power Level	545	550	555	560	565
Pmax(W)	545	550	555	560	565
Vmp(V)	36.21	36.42	36.63	36.84	37.05
Imp(A)	15.05	15.10	15.15	15.20	15.25
Voc(V)	43.37	43.61	43.85	44.08	44.32
Isc(A)	15.91	15.96	16.02	16.08	16.14
Module Efficiency(%)	22.13	22.33	22.53	22.74	22.94

Module Specification >>>

Cell Type	Mono crystalline
Cell Quantity	120cell
Cell Size(mm)	182*105
Module Size(mm)	2172*1134*30
Module Weight(kg)	30.2
Glass Thickness(mm)	2.0
Frame Material	Anodizedaluminum alloy
Junction Box	IP68
Cable/Connector	4mm ² ,MC4compatible
Cable Length	+300mm/-300mm;or Customize
Max System Volt(V)	1500VDC
Max Fuse Rate(A)	30
Power Tolerance	0-+3%

Sun-Pursuit Plus Series 182*210 >>>

TW-620HT-02(N TYPE)

0-3%Positive Tolerance



TOPCon technology



Lower heat spot risk



Excellent low-light performance



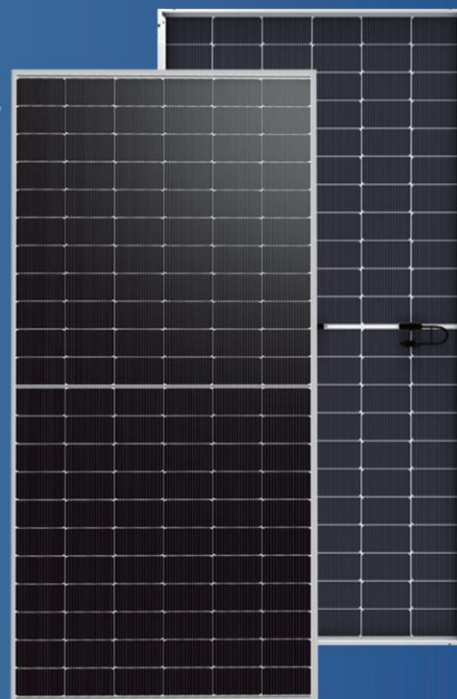
Resilient to extreme weather



PID resistant



Double-sided electricity generation



STC standard performance >>>

Power Level	600	605	610	615	620
Pmax(W)	600	605	610	615	620
Vmp(V)	39.81	40.01	40.21	40.41	40.60
Imp(A)	15.07	15.12	15.17	15.22	15.27
Voc(V)	47.43	47.65	47.88	48.10	48.32
Isc(A)	16.01	16.07	16.13	16.19	16.24
Module Efficiency(%)	22.21	22.40	22.58	22.77	22.95

Module Specification >>>

Cell Type	Mono crystalline
Cell Quantity	132cell
Cell Size(mm)	182*105
Module Size(mm)	2382*1134*30
Module Weight(kg)	32.5
Glass Thickness(mm)	2.0
Frame Material	Anodizedaluminum alloy
Junction Box	IP68
Cable/Connector	4mm ² ,MC4compatible
Cable Length	+300mm/-300mm;or Customize
Max System Volt(V)	1500VDC
Max Fuse Rate(A)	30
Power Tolerance	0-+3%

Sun-Pursuit Plus Series 182*210 >>>

TW-445HT-02 (FULL BLACK)

0-3%Positive Tolerance



TOPCon technology



Lower heat spot risk



Excellent low-light performance



Resilient to extreme weather



PID resistant



Double-sided electricity generation



STC standard performance >>>

Power Level	425	430	435	440	445
Pmax(W)	425	430	435	440	445
Vmp(V)	28.60	28.84	29.08	29.31	29.55
Imp(A)	14.86	14.91	14.96	15.01	15.06
Voc(V)	34.65	34.93	35.20	35.47	35.75
Isc(A)	15.53	15.58	15.64	15.70	15.76
Module Efficiency(%)	21.27	21.52	21.77	22.02	22.27

Module Specification >>>

Cell Type	Mono crystalline
Cell Quantity	96cell
Cell Size(mm)	182*105
Module Size(mm)	1762*1134*30
Module Weight(kg)	25
Glass Thickness(mm)	2.0
Frame Material	Anodizedaluminum alloy
Junction Box	IP68
Cable/Connector	4mm ² ,MC4compatible
Cable Length	+300mm/-300mm;or Customize
Max System Volt(V)	1500VDC
Max Fuse Rate(A)	30
Power Tolerance	0-+3%

Sun-Pursuit Plus Series 182*210 >>>

TW-500HT-02 (FULL BLACK)

0-3% Positive Tolerance



TOPCon technology



Lower heat spot risk



Excellent low-light performance



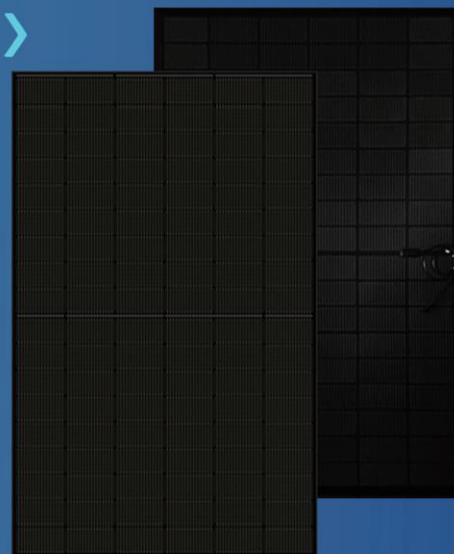
Resilient to extreme weather



PID resistant



Double-sided electricity generation



STC standard performance >>>

Power Level	480	485	490	495	500
Pmax(W)	480	485	490	495	500
Vmp(V)	32.15	32.38	32.60	32.82	33.05
Imp(A)	14.93	14.98	15.03	15.08	15.13
Voc(V)	38.74	39.01	39.26	39.51	39.77
Isc(A)	15.68	15.74	15.80	15.86	15.91
Module Efficiency(%)	21.58	21.81	22.03	22.26	22.48

Module Specification >>>

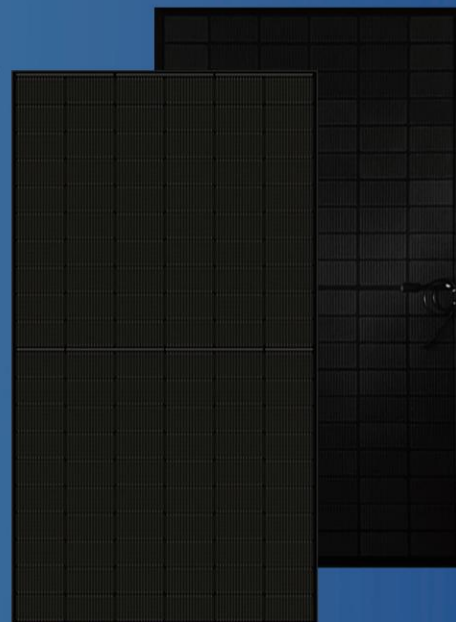
Cell Type	Mono crystalline
Cell Quantity	108cell
Cell Size(mm)	182*105
Module Size(mm)	1961*1134*30
Module Weight(kg)	27.5
Glass Thickness(mm)	2.0
Frame Material	Anodized aluminum alloy
Junction Box	IP68
Cable/Connector	4mm ² , MC4 compatible
Cable Length	+300mm/-300mm; or Customize
Max System Volt(V)	1500VDC
Max Fuse Rate(A)	30
Power Tolerance	0-+3%

Sun-Pursuit Plus Series 182*210 >>>

TW-560HT-02 (FULL BLACK)

0-3% Positive Tolerance

-  TOPCon technology
-  Lower heat spot risk
-  Excellent low-light performance
-  Resilient to extreme weather
-  PID resistant
-  Double-sided electricity generation



STC standard performance >>>

Power Level	540	545	550	555	560
Pmax(W)	540	545	550	555	560
Vmp(V)	36.00	36.21	36.42	36.63	36.84
Imp(A)	15.00	15.05	15.10	15.15	15.20
Voc(V)	43.13	43.37	43.61	43.85	44.08
Isc(A)	15.85	15.91	15.96	16.02	16.08
Module Efficiency(%)	21.92	22.13	22.33	22.53	22.74

Module Specification >>>

Cell Type	Mono crystalline
Cell Quantity	120cell
Cell Size(mm)	182*105
Module Size(mm)	2172*1134*30
Module Weight(kg)	30.2
Glass Thickness(mm)	2.0
Frame Material	Anodized aluminum alloy
Junction Box	IP68
Cable/Connector	4mm ² , MC4 compatible
Cable Length	+300mm/-300mm; or Customize
Max System Volt(V)	1500VDC
Max Fuse Rate(A)	30
Power Tolerance	0-+3%

Sun-Pursuit Plus Series 182*210 >>>

TW-615HT-02 (FULL BLACK)

0-3%Positive Tolerance



TOPCon technology



Lower heat spot risk



Excellent low-light performance



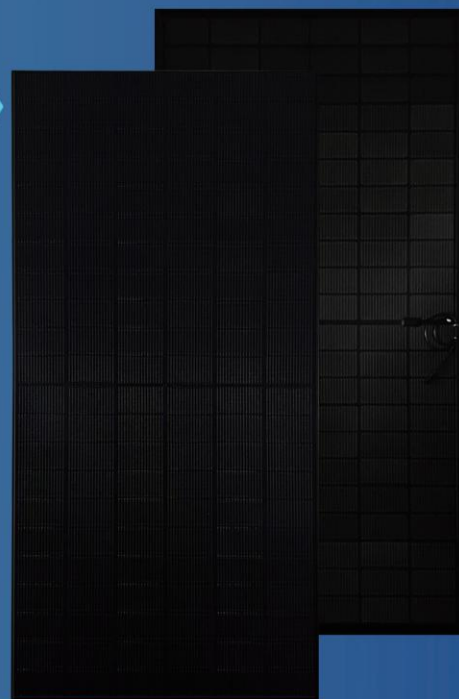
Resilient to extreme weather



PID resistant



Double-sided electricity generation



STC standard performance >>>

Power Level	595	600	605	610	615
Pmax(W)	595	600	605	610	615
Vmp(V)	39.61	39.81	40.01	40.21	40.41
Imp(A)	15.02	15.07	15.12	15.17	15.22
Voc(V)	47.20	47.43	47.65	47.88	48.10
Isc(A)	15.95	16.01	16.07	16.13	16.19
Module Efficiency(%)	22.03	22.21	22.40	22.58	22.17

Module Specification >>>

Cell Type	Mono crystalline
Cell Quantity	132cell
Cell Size(mm)	182*105
Module Size(mm)	2382*1134*30
Module Weight(kg)	32.5
Glass Thickness(mm)	2.0
Frame Material	Anodizedaluminum alloy
Junction Box	IP68
Cable/Connector	4mm ² ,MC4compatible
Cable Length	+300mm/-300mm;or Customize
Max System Volt(V)	1500VDC
Max Fuse Rate(A)	30
Power Tolerance	0-+3%

Sun-Pursuit Plus Series 182 >>> TW-455HTS-02(N TYPE)

0-3%Positive Tolerance



TOPCon technology



Lower heat spot risk



Excellent low-light performance



Resilient to extreme weather



PID resistant



STC standard performance >>>

Power Level	435	440	445	450	455
Pmax(W)	435	440	445	450	455
Vmp(V)	29.84	30.05	30.27	30.49	30.70
Imp(A)	14.58	14.64	14.70	14.76	14.82
Voc(V)	35.66	35.91	36.16	36.43	36.74
Isc(A)	15.17	15.23	15.29	15.35	15.41
Module Efficiency(%)	21.77	22.02	22.27	22.52	22.77

Module Specification >>>

Cell Type	Mono crystalline
Cell Quantity	96cell
Cell Size(mm)	182*105
Module Size(mm)	1762*1134*30
Module Weight(kg)	21.7
Glass Thickness(mm)	3.2
Frame Material	Anodizedaluminum alloy
Junction Box	IP68
Cable/Connector	4mm ² ,MC4compatible
Cable Length	+300mm/-300mm;or Customize
Max System Volt(V)	1500VDC
Max Fuse Rate(A)	30
Power Tolerance	0-+3%

Sun-Pursuit Plus Series 182*210 >>>

TW-510HTS-02(N TYPE)

0-3%Positive Tolerance



TOPCon technology



Lower heat spot risk



Excellent low-light performance



Resilient to extreme weather



PID resistant



STC standard performance >>>

Power Level	490	495	500	505	510
Pmax(W)	490	495	500	505	510
Vmp(V)	33.56	33.77	33.97	34.17	34.37
Imp(A)	14.60	14.66	14.72	14.78	14.84
Voc(V)	40.06	40.31	40.54	40.78	41.07
Isc(A)	15.20	15.27	15.33	15.39	15.45
Module Efficiency(%)	22.03	22.26	22.48	22.71	22.93

Module Specification >>>

Cell Type	Mono crystalline
Cell Quantity	108cell
Cell Size(mm)	182*105
Module Size(mm)	1961*1134*30
Module Weight(kg)	23.9
Glass Thickness(mm)	3.2
Frame Material	Anodizedaluminum alloy
Junction Box	IP68
Cable/Connector	4mm ² ,MC4compatible
Cable Length	+300mm/-300mm;or Customize
Max System Volt(V)	1500VDC
Max Fuse Rate(A)	30
Power Tolerance	0-+3%

Sun-Pursuit Plus Series 182*210 >>> TW-565HTS-02(N TYPE)

0-3%Positive Tolerance



TOPCon technology



Lower heat spot risk



Excellent low-light performance



Resilient to extreme weather



PID resistant



STC standard performance >>>

Power Level	545	550	555	560	565
Pmax(W)	545	550	555	560	565
Vmp(V)	37.28	37.47	37.65	37.84	38.02
Imp(A)	14.62	14.68	14.74	14.80	14.86
Voc(V)	44.46	44.68	44.88	45.11	45.33
Isc(A)	15.24	15.30	15.36	15.42	15.48
Module Efficiency(%)	22.13	22.33	22.53	22.74	22.94

Module Specification >>>

Cell Type	Mono crystalline
Cell Quantity	120cell
Cell Size(mm)	182*105
Module Size(mm)	2172*1134*30
Module Weight(kg)	26.1
Glass Thickness(mm)	3.2
Frame Material	Anodizedaluminum alloy
Junction Box	IP68
Cable/Connector	4mm ² ,MC4compatible
Cable Length	+300mm/-300mm;or Customize
Max System Volt(V)	1500VDC
Max Fuse Rate(A)	30
Power Tolerance	0-+3%

Sun-Pursuit Plus Series 182*210 >>>

TW-625HTS-02(N TYPE)

0-3%Positive Tolerance



TOPCon technology



Lower heat spot risk



Excellent low-light performance



Resilient to extreme weather



PID resistant



STC standard performance >>>

Power Level	605	610	615	620	625
Pmax(W)	605	610	615	620	625
Vmp(V)	41.16	41.33	41.50	41.67	41.83
Imp(A)	14.70	14.76	14.82	14.88	14.94
Voc(V)	49.04	49.23	49.42	49.63	49.83
Isc(A)	15.34	15.40	15.46	15.52	15.58
Module Efficiency(%)	22.40	22.58	22.77	22.95	23.14

Module Specification >>>

Cell Type	Mono crystalline
Cell Quantity	132cell
Cell Size(mm)	182*105
Module Size(mm)	2382*1134*30
Module Weight(kg)	28.4
Glass Thickness(mm)	3.2
Frame Material	Anodizedaluminum alloy
Junction Box	IP68
Cable/Connector	4mm ² ,MC4compatible
Cable Length	+300mm/-300mm;or Customize
Max System Volt(V)	1500VDC
Max Fuse Rate(A)	30
Power Tolerance	0-+3%

Sun-Pursuit Plus Series 182*199 >>>

TW-595HD-1(N TYPE)

0-3%Positive Tolerance



TOPCon technology



Lower heat spot risk



Excellent low-light performance



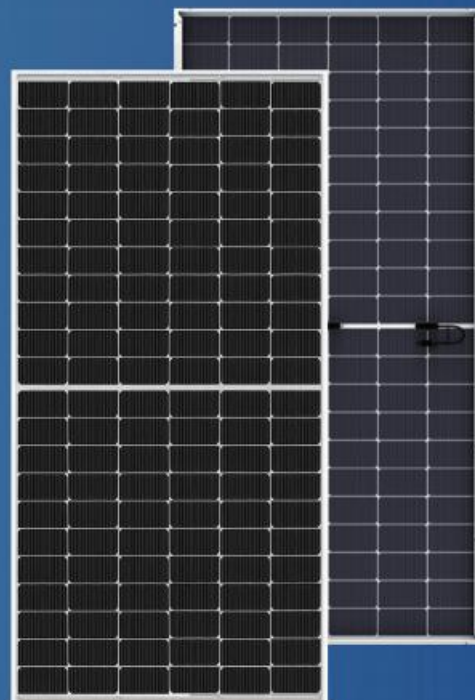
Resilient to extreme weather



PID resistant



Double-sided electricity generation



STC standard performance >>>

Power Level	570	575	580	585	590	595
Pmax(W)	570	575	580	585	590	595
Vmp(V)	40.26	40.42	40.58	40.74	40.90	41.06
Imp(A)	14.16	14.23	14.30	14.36	14.43	14.50
Voc(V)	48.73	48.92	49.12	49.31	49.50	49.70
Isc(A)	14.96	15.03	15.10	15.17	15.24	15.31
Module Efficiency(%)	22.09	22.28	22.48	22.67	22.86	23.06

Module Specification >>>

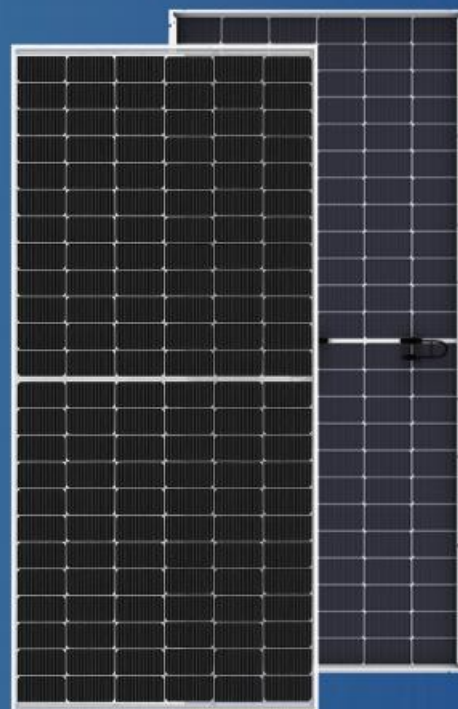
Cell Type	Mono crystalline
Cell Quantity	132cell
Cell Size(mm)	182*199
Module Size(mm)	2278*1134*30
Module Weight(kg)	31.3
Glass Thickness(mm)	2.0
Frame Material	Anodizedaluminum alloy
Junction Box	IP68
Cable/Connector	4mm ² ,MC4compatible
Cable Length	+300mm/-300mm;or Customize
Max System Volt(V)	1500VDC
Max Fuse Rate(A)	30
Power Tolerance	0-+3%

Sun-Pursuit Plus Series 182*188 >>>

TW-615HD-1(N TYPE)

0-3%Positive Tolerance

-  TOPCon technology
-  Lower heat spot risk
-  Excellent low-light performance
-  Resilient to extreme weather
-  PID resistant
-  Double-sided electricity generation



STC standard performance >>>

Power Level	595	600	605	610	615
Pmax(W)	595	600	605	610	615
Vmp(V)	42.83	42.99	43.15	43.31	43.47
Imp(A)	13.90	13.96	14.03	14.09	14.15
Voc(V)	51.84	52.03	52.23	52.42	52.61
Isc(A)	14.68	14.74	14.82	14.88	14.95
Module Efficiency(%)	22.51	22.70	22.89	23.08	23.27

Module Specification >>>

Cell Type	Mono crystalline
Cell Quantity	144cell
Cell Size(mm)	182*188
Module Size(mm)	2333*1134*30
Module Weight(kg)	31.7
Glass Thickness(mm)	2.0
Frame Material	Anodizedaluminum alloy
Junction Box	IP68
Cable/Connector	4mm ² ,MC4compatible
Cable Length	+300mm/-300mm;or Customize
Max System Volt(V)	1500VDC
Max Fuse Rate(A)	30
Power Tolerance	0-+3%



Sun-Pursuit Series(182)

400-560W

0-3%Positive Tolerance



Product feature

- High power efficiency
- Lower heat spot risk
- Resilient to extreme weather
- Excellent low-light performance
- TUV, CE, CGC, Certificate
- 12 Years Product Warranty /25 Years Linear Power Warranty



Sun-Pursuit Series 182 >>> TW-415HT-1

0-3%Positive Tolerance



PERC technology



Lower heat spot risk



Excellent low-light performance



Resilient to extreme weather



PID resistant



STC standard performance >>>

Power Level	400	405	410	415
Pmax(W)	400	405	410	415
Vmp(V)	31.20	31.40	31.60	31.80
Imp(A)	12.83	12.90	12.98	13.06
Voc(V)	37.10	37.30	37.50	37.70
Isc(A)	13.73	13.81	13.88	13.96
Module Efficiency(%)	20.48	20.74	21.00	21.25

Module Specification >>>

Cell Type	Mono crystalline
Cell Quantity	108cell
Cell Size(mm)	182*91
Module Size(mm)	1722*1134*30
Module Weight(kg)	20.8
Glass Thickness(mm)	3.2
Frame Material	Anodizedaluminum alloy
Junction Box	IP68
Cable/Connector	4mm ² ,MC4compatible
Cable Length	+300mm/-300mm;or Customize
Max System Volt(V)	1500VDC
Max Fuse Rate(A)	25
Power Tolerance	0-+3%

Sun-Pursuit Series 182 >>> TW-460HT

0-3% Positive Tolerance



PERC technology



Lower heat spot risk



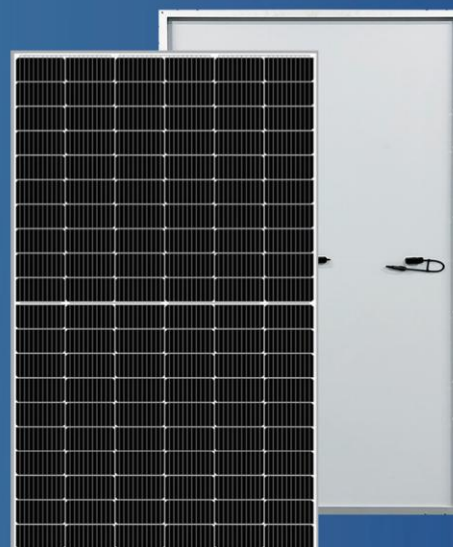
Excellent low-light performance



Resilient to extreme weather



PID resistant



STC standard performance >>>

Power Level	445	450	455	460
Pmax(W)	445	450	455	460
Vmp(V)	34.75	34.90	35.05	35.20
Imp(A)	12.81	12.90	12.99	13.07
Voc(V)	41.20	41.35	41.50	41.75
Isc(A)	13.75	13.83	13.90	13.97
Module Efficiency(%)	20.56	20.79	21.02	21.25

Module Specification >>>

Cell Type	Mono crystalline
Cell Quantity	120cell
Cell Size(mm)	182*91
Module Size(mm)	1909*1134*35
Module Weight(kg)	22.5
Glass Thickness(mm)	3.2
Frame Material	Anodized aluminum alloy
Junction Box	IP68
Cable/Connector	4mm ² , MC4 compatible
Cable Length	+300mm/-300mm; or Customize
Max System Volt(V)	1500VDC
Max Fuse Rate(A)	25
Power Tolerance	0-+3%

Sun-Pursuit Series 182 >>> TW-505HT

0-3% Positive Tolerance



PERC technology



Lower heat spot risk



Excellent low-light performance



Resilient to extreme weather



PID resistant



STC standard performance >>>

Power Level	485	490	495	500	505
Pmax(W)	485	490	495	500	505
Vmp(V)	38.00	38.15	38.30	38.45	38.60
Imp(A)	12.77	12.85	12.93	13.01	13.09
Voc(V)	45.20	45.35	45.50	45.65	45.80
Isc(A)	13.68	13.76	13.83	13.91	13.98
Module Efficiency(%)	20.42	20.64	20.85	21.06	21.27

Module Specification >>>

Cell Type	Mono crystalline
Cell Quantity	132cell
Cell Size(mm)	182*91
Module Size(mm)	2094*1134*35
Module Weight(kg)	26
Glass Thickness(mm)	3.2
Frame Material	Anodized aluminum alloy
Junction Box	IP68
Cable/Connector	4mm ² , MC4 compatible
Cable Length	+300mm/-300mm; or Customize
Max System Volt(V)	1500VDC
Max Fuse Rate(A)	25
Power Tolerance	0-+3%

Sun-Pursuit Series 182 >>> TW-555HT

0-3%Positive Tolerance



PERC technology



Lower heat spot risk



Excellent low-light performance



Resilient to extreme weather



PID resistant



STC standard performance >>>

Power Level	530	535	540	545	550	555
Pmax(W)	530	535	540	545	550	555
Vmp(V)	41.40	41.55	41.70	41.85	42.00	42.15
Imp(A)	12.81	12.88	12.95	13.03	13.10	13.17
Voc(V)	49.25	49.40	49.55	49.70	49.85	50.00
Isc(A)	13.73	13.79	13.85	13.91	13.97	14.02
Module Efficiency(%)	20.51	20.70	20.89	21.09	21.28	21.48

Module Specification >>>

Cell Type	Mono crystalline
Cell Quantity	144cell
Cell Size(mm)	182*91
Module Size(mm)	2279*1134*35
Module Weight(kg)	27
Glass Thickness(mm)	3.2
Frame Material	Anodizedaluminum alloy
Junction Box	IP68
Cable/Connector	4mm2,MC4compatible
Cable Length	+300mm/-300mm;or Customize
Max System Volt(V)	1500VDC
Max Fuse Rate(A)	25
Power Tolerance	0-+3%

Sun-Pursuit Series 182 >>> TW-410HTB-1(FULL BLACK)

0-3%Positive Tolerance



PERC technology



Lower heat spot risk



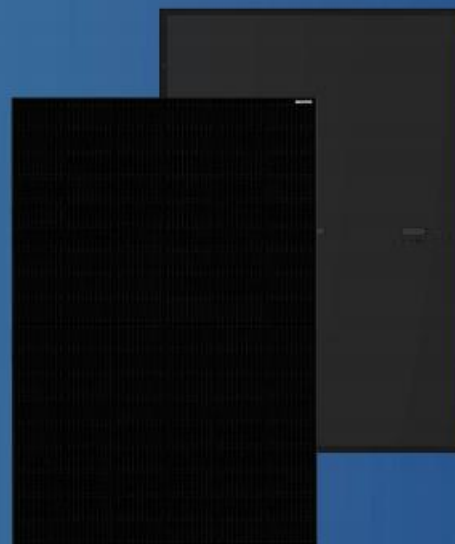
Excellent low-light performance



Resilient to extreme weather



PID resistant



STC standard performance >>>

Power Level	400	405	410
Pmax(W)	400	405	410
Vmp(V)	31.20	31.40	31.60
Imp(A)	12.83	12.90	12.98
Voc(V)	37.10	37.30	37.50
Isc(A)	13.73	13.81	13.88
Module Efficiency(%)	20.48	20.74	21.00

Module Specification >>>

Cell Type	Mono crystalline
Cell Quantity	108cell
Cell Size(mm)	182*91
Module Size(mm)	1722*1134*30
Module Weight(kg)	20.8
Glass Thickness(mm)	3.2
Frame Material	Anodizedaluminum alloy
Junction Box	IP68
Cable/Connector	4mm ² ,MC4compatible
Cable Length	+300mm/-300mm;or Customize
Max System Volt(V)	1500VDC
Max Fuse Rate(A)	25
Power Tolerance	0-+3%

Sun-Pursuit Series 182 >>> TW-455HTB (FULL BLACK)

0-3% Positive Tolerance



PERC technology



Lower heat spot risk



Excellent low-light performance



Resilient to extreme weather



PID resistant



STC standard performance >>>

Power Level	445	450	455
Pmax(W)	445	450	455
Vmp(V)	34.75	34.90	35.05
Imp(A)	12.81	12.90	12.99
Voc(V)	41.20	41.35	41.50
Isc(A)	13.75	13.83	13.90
Module Efficiency(%)	20.56	20.79	21.02

Module Specification >>>

Cell Type	Mono crystalline
Cell Quantity	120cell
Cell Size(mm)	182*91
Module Size(mm)	1909*1134*35
Module Weight(kg)	22.5
Glass Thickness(mm)	3.2
Frame Material	Anodized aluminum alloy
Junction Box	IP68
Cable/Connector	4mm ² , MC4 compatible
Cable Length	+300mm/-300mm; or Customize
Max System Volt(V)	1500VDC
Max Fuse Rate(A)	25
Power Tolerance	0-+3%

Sun-Pursuit Series 182 >>> TW-500HTB (FULL BLACK)

0-3% Positive Tolerance



PERC technology



Lower heat spot risk



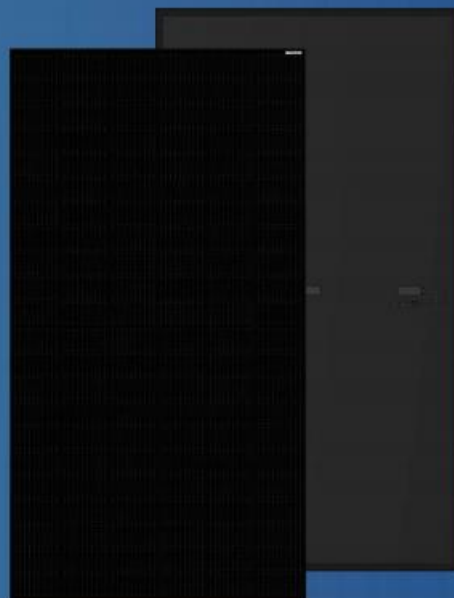
Excellent low-light performance



Resilient to extreme weather



PID resistant



STC standard performance >>>

Power Level	490	495	500
Pmax(W)	490	495	500
Vmp(V)	38.15	38.30	38.45
Imp(A)	12.85	12.93	13.01
Voc(V)	45.35	45.50	45.65
Isc(A)	13.76	13.83	13.91
Module Efficiency(%)	20.64	20.85	21.06

Module Specification >>>

Cell Type	Mono crystalline
Cell Quantity	132cell
Cell Size(mm)	182*91
Module Size(mm)	2094*1134*35
Module Weight(kg)	26
Glass Thickness(mm)	3.2
Frame Material	Anodized aluminum alloy
Junction Box	IP68
Cable/Connector	4mm ² , MC4 compatible
Cable Length	+300mm/-300mm; or Customize
Max System Volt(V)	1500VDC
Max Fuse Rate(A)	25
Power Tolerance	0-+3%

Sun-Pursuit Series 182 >>> TW-550HTB (FULL BLACK)

0-3% Positive Tolerance



PERC technology



Lower heat spot risk



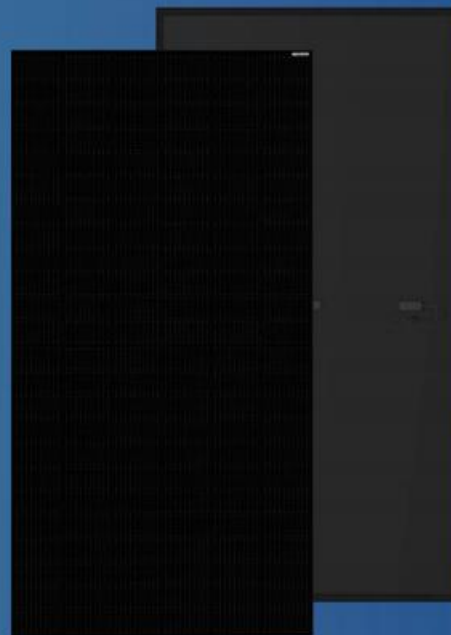
Excellent low-light performance



Resilient to extreme weather



PID resistant



STC standard performance >>>

Power Level	540	545	550
Pmax(W)	540	545	550
Vmp(V)	41.70	41.85	42.00
Imp(A)	12.95	13.03	13.10
Voc(V)	49.55	49.70	49.85
Isc(A)	13.85	13.91	13.97
Module Efficiency(%)	20.89	21.09	21.28

Module Specification >>>

Cell Type	Mono crystalline
Cell Quantity	144cell
Cell Size(mm)	182*91
Module Size(mm)	2279*1134*35
Module Weight(kg)	27
Glass Thickness(mm)	3.2
Frame Material	Anodized aluminum alloy
Junction Box	IP68
Cable/Connector	4mm ² , MC4 compatible
Cable Length	+300mm/-300mm; or Customize
Max System Volt(V)	1500VDC
Max Fuse Rate(A)	25
Power Tolerance	0-+3%

Sun-Pursuit Series 182 >>> TW-420HC-1

0-3%Positive Tolerance



PERC technology



Lower heat spot risk



Excellent low-light performance



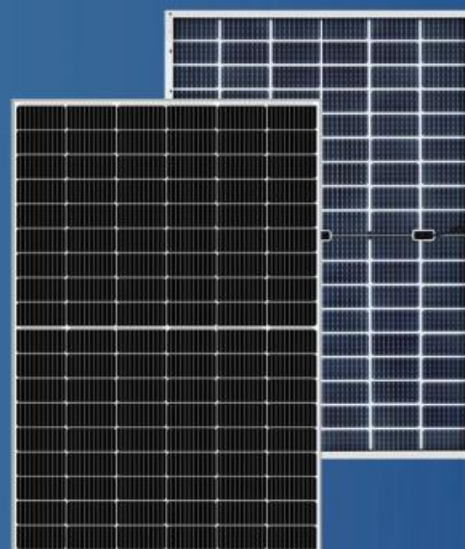
Resilient to extreme weather



PID resistant



Double-sided electricity generation



STC standard performance >>>

Power Level	405	410	415	420
Pmax(W)	405	410	415	420
Vmp(V)	31.21	31.52	31.83	32.14
Imp(A)	12.95	12.98	13.01	13.04
Voc(V)	37.36	37.57	37.77	37.97
Isc(A)	13.67	13.69	13.72	13.74
Module Efficiency(%)	20.74	21.00	21.25	21.51

Module Specification >>>

Cell Type	Mono crystalline
Cell Quantity	108cell
Cell Size(mm)	182*91
Module Size(mm)	1722*1134*30
Module Weight(kg)	24
Glass Thickness(mm)	2.0
Frame Material	Anodizedaluminum alloy
Junction Box	IP68
Cable/Connector	4mm ² ,MC4compatible
Cable Length	+300mm/-300mm;or Customize
Max System Volt(V)	1500VDC
Max Fuse Rate(A)	25
Power Tolerance	0-+3%

Sun-Pursuit Series 182 >>> TW-465HC

0-3% Positive Tolerance



PERC technology



Lower heat spot risk



Excellent low-light performance



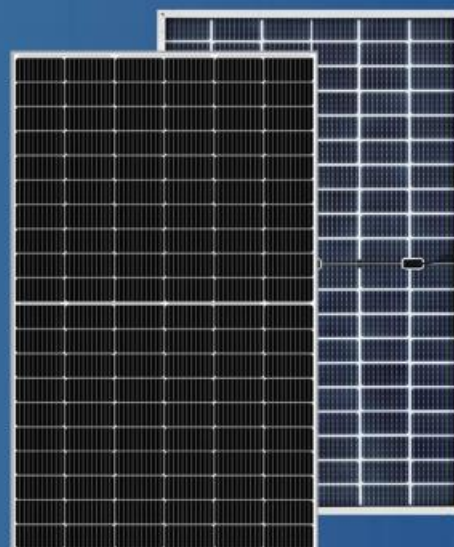
Resilient to extreme weather



PID resistant



Double-sided electricity generation



STC standard performance >>>

Power Level	450	455	460	465
Pmax(W)	450	455	460	465
Vmp(V)	34.75	35.06	35.37	35.69
Imp(A)	12.93	12.96	12.99	13.02
Voc(V)	41.72	41.92	42.12	42.33
Isc(A)	13.66	13.69	13.71	13.73
Module Efficiency(%)	20.79	21.02	21.25	21.48

Module Specification >>>

Cell Type	Mono crystalline
Cell Quantity	120cell
Cell Size(mm)	182*91
Module Size(mm)	1909*1134*35
Module Weight(kg)	28
Glass Thickness(mm)	2.0
Frame Material	Anodized aluminum alloy
Junction Box	IP68
Cable/Connector	4mm ² , MC4 compatible
Cable Length	+300mm/-300mm; or Customize
Max System Volt(V)	1500VDC
Max Fuse Rate(A)	25
Power Tolerance	0-+3%

Sun-Pursuit Series 182 >>> TW-510HC

0-3% Positive Tolerance



PERC technology



Lower heat spot risk



Excellent low-light performance



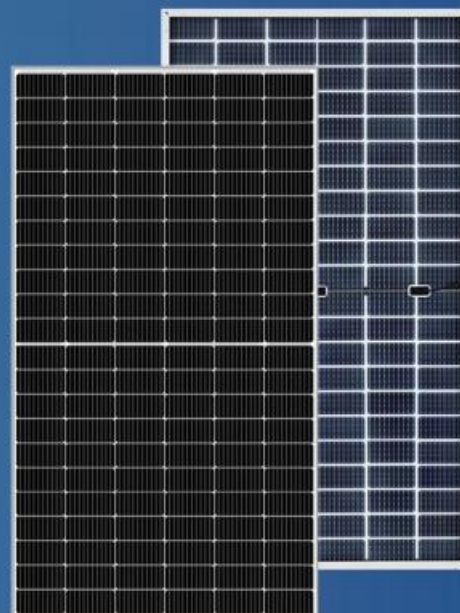
Resilient to extreme weather



PID resistant



Double-sided electricity generation



STC standard performance >>>

Power Level	490	495	500	505	510
Pmax(W)	490	495	500	505	510
Vmp(V)	38.15	38.30	38.45	38.60	38.75
Imp(A)	12.85	12.93	13.01	13.09	13.16
Voc(V)	45.35	45.50	45.65	45.80	45.95
Isc(A)	13.76	13.83	13.91	13.98	14.06
Module Efficiency(%)	20.64	20.85	21.06	21.27	21.48

Module Specification >>>

Cell Type	Mono crystalline
Cell Quantity	132cell
Cell Size(mm)	182*91
Module Size(mm)	2094*1134*35
Module Weight(kg)	30
Glass Thickness(mm)	2.0
Frame Material	Anodized aluminum alloy
Junction Box	IP68
Cable/Connector	4mm ² , MC4 compatible
Cable Length	+300mm/-300mm; or Customize
Max System Volt(V)	1500VDC
Max Fuse Rate(A)	25
Power Tolerance	0-+3%

Sun-Pursuit Series 182 >>> TW-560HC

0-3%Positive Tolerance



PERC technology



Lower heat spot risk



Excellent low-light performance



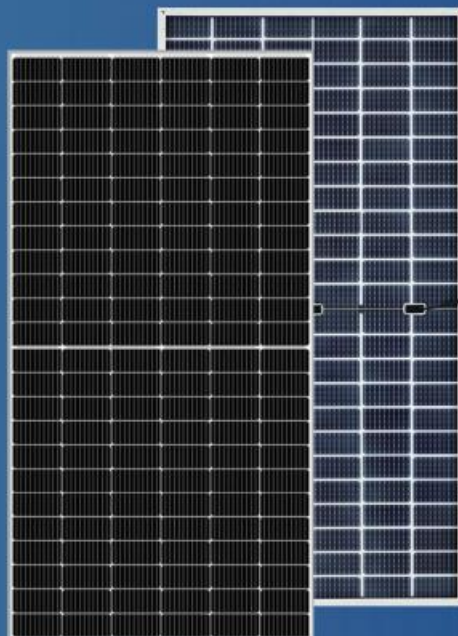
Resilient to extreme weather



PID resistant



Double-sided electricity generation



STC standard performance >>>

Power Level	540	545	550	555	560
Pmax(W)	540	545	550	555	560
Vmp(V)	41.73	42.01	42.29	42.57	42.86
Imp(A)	12.94	12.97	12.99	13.02	13.05
Voc(V)	49.90	50.08	50.26	50.45	50.63
Isc(A)	13.67	13.69	13.71	13.74	13.76
Module Efficiency(%)	20.89	21.09	21.28	21.48	21.67

Module Specification >>>

Cell Type	Mono crystalline
Cell Quantity	144cell
Cell Size(mm)	182*91
Module Size(mm)	2279*1134*35
Module Weight(kg)	31
Glass Thickness(mm)	2.0
Frame Material	Anodizedaluminum alloy
Junction Box	IP68
Cable/Connector	4mm ² ,MC4compatible
Cable Length	+300mm/-300mm;or Customize
Max System Volt(V)	1500VDC
Max Fuse Rate(A)	25
Power Tolerance	0-+3%



Summit Pro Series (210N)

635-720W

0-3% Positive Tolerance



Product feature

- High power efficiency
- Lower heat spot risk
- Resilient to extreme weather
- Excellent low-light performance
- TUV, CE, CGC, Certificate
- 15 Years Product Warranty /30 Years Linear Power Warranty



Summit Pro Series 210 >>> TW-655HT-01

0-3%Positive Tolerance



TOPCon technology



Lower heat spot risk



Excellent low-light performance



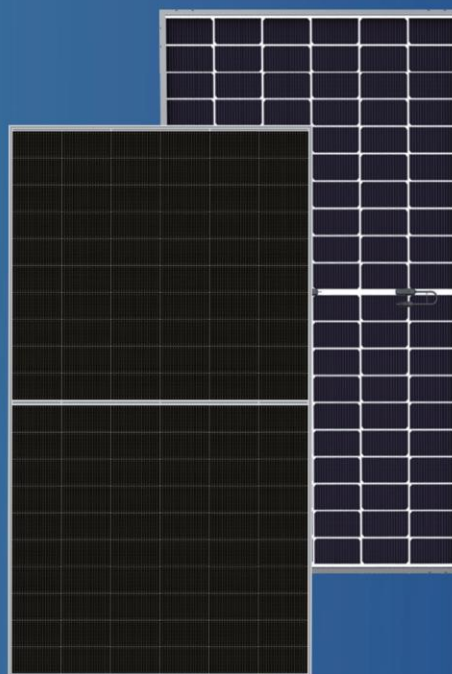
Resilient to extreme weather



PID resistant



Double-sided electricity generation



STC standard performance >>>

Power Level	635	640	645	650	655
Pmax(W)	635	640	645	650	655
Vmp(V)	36.73	36.91	37.09	37.27	37.45
Imp(A)	17.29	17.34	17.39	17.44	17.49
Voc(V)	43.96	44.16	44.37	44.47	44.52
Isc(A)	18.29	18.34	18.40	18.46	18.52
Module Efficiency(%)	22.44	22.61	22.79	22.97	23.14

Module Specification >>>

Cell Type	Mono crystalline
Cell Quantity	120cell
Cell Size(mm)	210*105
Module Size(mm)	2172*1303*33
Module Weight(kg)	35
Glass Thickness(mm)	2.0
Frame Material	Anodizedaluminum alloy
Junction Box	IP68
Cable/Connector	4mm²,MC4compatible
Cable Length	+300mm/-300mm;or Customize
Max System Volt(V)	1500VDC
Max Fuse Rate(A)	35
Power Tolerance	0-+3%

Summit Pro Series 210 >>> TW-720HT-01

0-3%Positive Tolerance



TOPCon technology



Lower heat spot risk



Excellent low-light performance



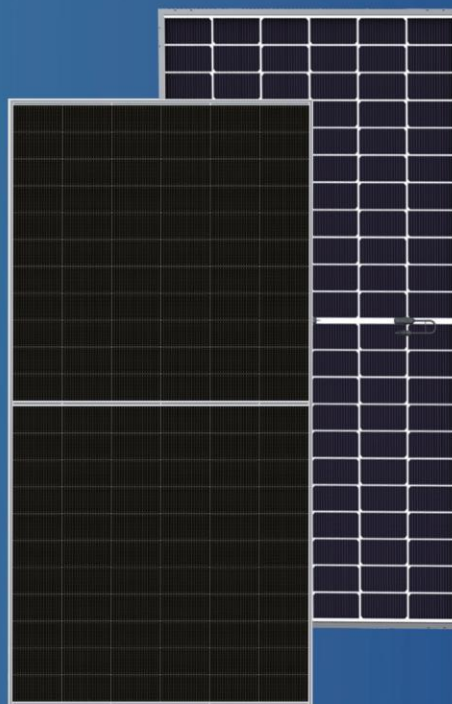
Resilient to extreme weather



PID resistant



Double-sided electricity generation



STC standard performance >>>

Power Level	700	705	710	715	720
Pmax(W)	700	705	710	715	720
Vmp(V)	40.44	40.61	40.78	40.95	41.12
Imp(A)	17.31	17.36	17.41	17.46	17.51
Voc(V)	48.13	48.32	48.51	48.60	48.69
Isc(A)	18.41	18.47	18.52	18.58	18.64
Module Efficiency(%)	22.53	22.70	22.86	23.02	23.18

Module Specification >>>

Cell Type	Mono crystalline
Cell Quantity	132cell
Cell Size(mm)	210*105
Module Size(mm)	2384*1303*33
Module Weight(kg)	38
Glass Thickness(mm)	2.0
Frame Material	Anodizedaluminum alloy
Junction Box	IP68
Cable/Connector	4mm²,MC4compatible
Cable Length	+300mm/-300mm;or Customize
Max System Volt(V)	1500VDC
Max Fuse Rate(A)	35
Power Tolerance	0-+3%



Micro Sun Series (157/182/210)

40-360W

0-3% Positive Tolerance



Product feature

- High power efficiency
- Lower heat spot risk
- Resilient to extreme weather
- Excellent low-light performance
- TUV, CE, CGC, Certificate
- 10 Years Product Warranty / 20 Years Linear Power Warranty



Micro Sun Series 182 >>> TW-40MM-1

0-3%Positive Tolerance



PERC technology



Lower heat spot risk



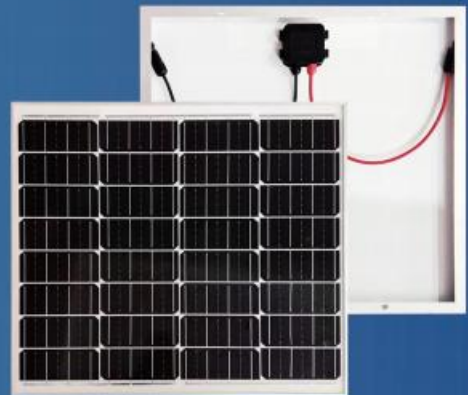
Excellent low-light performance



Resilient to extreme weather



PID resistant



STC standard performance >>>

Power Level	40
Pmax(W)	40
Vmp(V)	18.00
Imp(A)	2.22
Voc(V)	21.60
Isc(A)	2.44
Temp	-40°C-+85°C

Module Specification >>>

Cell Type	Mono crystalline
Cell Quantity	32pieces(4*8)
Cell Size(mm)	182*45.5
Module Size(mm)	530*520*25
Module Weight(kg)	2.65
Glass Thickness(mm)	3.2
Frame Material	Anodizedaluminum alloy
Junction Box	IP68
Cable/Connector	4mm²,MC4compatible
Cable Length	+300mm/-300mm;or Customize
Max System Volt(V)	1000VDC
Max Fuse Rate(A)	15
Power Tolerance	0-+3%

Micro Sun Series 210 >>> TW-50MM-1

0-3%Positive Tolerance



PERC technology



Lower heat spot risk



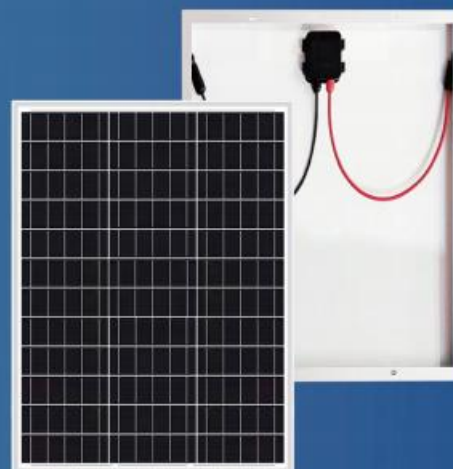
Excellent low-light performance



Resilient to extreme weather



PID resistant



STC standard performance >>>

Power Level	50
Pmax(W)	50
Vmp(V)	18.10
Imp(A)	2.76
Voc(V)	22.00
Isc(A)	3.04
Temp	-40°C-+85°C

Module Specification >>>

Cell Type	Mono crystalline
Cell Quantity	36pieces(3*12)
Cell Size(mm)	210*40
Module Size(mm)	690*505*25
Module Weight(kg)	5.50
Glass Thickness(mm)	3.2
Frame Material	Anodizedaluminum alloy
Junction Box	IP68
Cable/Connector	4mm ² ,MC4compatible
Cable Length	+300mm/-300mm;or Customize
Max System Volt(V)	1000VDC
Max Fuse Rate(A)	15
Power Tolerance	0-+3%

Micro Sun Series 182 >>> TW-70MM-1

0-3%Positive Tolerance



PERC technology



Lower heat spot risk



Excellent low-light performance



Resilient to extreme weather



PID resistant



STC standard performance >>>

Power Level	70
Pmax(W)	70
Vmp(V)	18.00
Imp(A)	3.90
Voc(V)	21.67
Isc(A)	4.50
Temp	-40°C-+85°C

Module Specification >>>

Cell Type	Mono crystalline
Cell Quantity	32pieces(4*8)
Cell Size(mm)	182*60.6
Module Size(mm)	760*550*25
Module Weight(kg)	4.2
Glass Thickness(mm)	3.2
Frame Material	Anodizedaluminum alloy
Junction Box	IP68
Cable/Connector	4mm ² ,MC4compatible
Cable Length	+300mm/-300mm;or Customize
Max System Volt(V)	1000VDC
Max Fuse Rate(A)	15
Power Tolerance	0-+3%

Micro Sun Series 157 >>> TW-80MM-1

0-3%Positive Tolerance



PERC technology



Lower heat spot risk



Excellent low-light performance



Resilient to extreme weather



PID resistant



STC standard performance >>>

Power Level	80
Pmax(W)	80
Vmp(V)	18.00
Imp(A)	4.45
Voc(V)	21.80
Isc(A)	5.38
Temp	-40°C-+85°C

Module Specification >>>

Cell Type	Mono crystalline
Cell Quantity	36pieces(4*9)
Cell Size(mm)	157*78.5
Module Size(mm)	1000*680*25
Module Weight(kg)	5.0
Glass Thickness(mm)	3.2
Frame Material	Anodizedaluminum alloy
Junction Box	IP68
Cable/Connector	4mm ² ,MC4compatible
Cable Length	+300mm/-300mm;or Customize
Max System Volt(V)	1000VDC
Max Fuse Rate(A)	15
Power Tolerance	0-+3%

Micro Sun Series 182 >>> TW-100MM-1

0-3%Positive Tolerance



PERC technology



Lower heat spot risk



Excellent low-light performance



Resilient to extreme weather



PID resistant



STC standard performance >>>

Power Level	100
Pmax(W)	100
Vmp(V)	18.24
Imp(A)	5.48
Voc(V)	21.98
Isc(A)	6.60
Temp	-40°C-+85°C

Module Specification >>>

Cell Type	Mono crystalline
Cell Quantity	32pieces(4*8)
Cell Size(mm)	182*76
Module Size(mm)	805*765*30
Module Weight(kg)	5.1
Glass Thickness(mm)	3.2
Frame Material	Anodizedaluminum alloy
Junction Box	IP68
Cable/Connector	4mm ² ,MC4compatible
Cable Length	+300mm/-300mm;or Customize
Max System Volt(V)	1000VDC
Max Fuse Rate(A)	15
Power Tolerance	0-+3%

Micro Sun Series 210 >>> TW-150MM

0-3% Positive Tolerance



PERC technology



Lower heat spot risk



Excellent low-light performance



Resilient to extreme weather



PID resistant



STC standard performance >>>

Power Level	150
Pmax(W)	150
Vmp(V)	19.20
Imp(A)	8.10
Voc(V)	23.60
Isc(A)	10.00
Temp	-40°C~+85°C

Module Specification >>>

Cell Type	Mono crystalline
Cell Quantity	39pieces(3*13)
Cell Size(mm)	210*105
Module Size(mm)	1480*680*35
Module Weight(kg)	10
Glass Thickness(mm)	3.2
Frame Material	Anodizedaluminum alloy
Junction Box	IP68
Cable/Connector	4mm²,MC4compatible
Cable Length	+300mm/-300mm;or Customize
Max System Volt(V)	1000VDC
Max Fuse Rate(A)	15
Power Tolerance	0~+3%

Micro Sun Series 182 >>> TW-165MM-1

0-3%Positive Tolerance



PERC technology



Lower heat spot risk



Excellent low-light performance



Resilient to extreme weather



PID resistant



STC standard performance >>>

Power Level	165
Pmax(W)	165
Vmp(V)	20.52
Imp(A)	8.04
Voc(V)	24.72
Isc(A)	9.69
Temp	-40°C-+85°C

Module Specification >>>

Cell Type	Mono crystalline
Cell Quantity	36pieces(4*9)
Cell Size(mm)	182*121.3
Module Size(mm)	1180*765*30
Module Weight(kg)	8.3
Glass Thickness(mm)	3.2
Frame Material	Anodizedaluminum alloy
Junction Box	IP68
Cable/Connector	4mm ² ,MC4compatible
Cable Length	+300mm/-300mm;or Customize
Max System Volt(V)	1000VDC
Max Fuse Rate(A)	15
Power Tolerance	0-+3%

Micro Sun Series 210 >>> TW-180MM

0-3%Positive Tolerance



PERC technology



Lower heat spot risk



Excellent low-light performance



Resilient to extreme weather



PID resistant



STC standard performance >>>

Power Level	180
Pmax(W)	180
Vmp(V)	19.66
Imp(A)	9.13
Voc(V)	23.08
Isc(A)	9.78
Temp	-40°C-+85°C

Module Specification >>>

Cell Type	Mono crystalline
Cell Quantity	39pieces(3*13)
Cell Size(mm)	210*105
Module Size(mm)	1480*680*35
Module Weight(kg)	10
Glass Thickness(mm)	3.2
Frame Material	Anodizedaluminum alloy
Junction Box	IP68
Cable/Connector	4mm ² ,MC4compatible
Cable Length	+300mm/-300mm;or Customize
Max System Volt(V)	1000VDC
Max Fuse Rate(A)	15
Power Tolerance	0-+3%

Micro Sun Series 182 >>> TW-200MM

0-3%Positive Tolerance



PERC technology



Lower heat spot risk



Excellent low-light performance



Resilient to extreme weather



PID resistant



STC standard performance >>>

Power Level	200
Pmax(W)	200
Vmp(V)	36.00
Imp(A)	6.10
Voc(V)	43.37
Isc(A)	7.35
Temp	-40°C-+85°C

Module Specification >>>

Cell Type	Mono crystalline
Cell Quantity	64pieces(4*16)
Cell Size(mm)	182*91
Module Size(mm)	1580*765*35
Module Weight(kg)	9.6
Glass Thickness(mm)	3.2
Frame Material	Anodizedaluminum alloy
Junction Box	IP68
Cable/Connector	4mm ² ,MC4compatible
Cable Length	+300mm/-300mm;or Customize
Max System Volt(V)	1000VDC
Max Fuse Rate(A)	15
Power Tolerance	0-+3%

Micro Sun Series 182 >>> TW-205MM-1 (FULL BLACK)

0-3%Positive Tolerance



PERC technology



Lower heat spot risk



Excellent low-light performance



Resilient to extreme weather



PID resistant



STC standard performance >>>

Power Level	205
Pmax(W)	205
Vmp(V)	17.40
Imp(A)	11.50
Voc(V)	21.20
Isc(A)	12.02
Temp	-40°C-+85°C

Module Specification >>>

Cell Type	Mono crystalline
Cell Quantity	60pieces(6*10)
Cell Size(mm)	182*91
Module Size(mm)	990*1134*30
Module Weight(kg)	12.1
Glass Thickness(mm)	3.2
Frame Material	Anodizedaluminum alloy
Junction Box	IP68
Cable/Connector	4mm²,MC4compatible
Cable Length	+300mm/-300mm;or Customize
Max System Volt(V)	1000VDC
Max Fuse Rate(A)	15
Power Tolerance	0-+3%

Micro Sun Series 157 >>> TW-250MM

0-3% Positive Tolerance



PERC technology



Lower heat spot risk



Excellent low-light performance



Resilient to extreme weather



PID resistant



STC standard performance >>>

Power Level	250
Pmax(W)	250
Vmp(V)	18.24
Imp(A)	13.16
Voc(V)	21.80
Isc(A)	13.95
Temp	-40°C-+85°C

Module Specification >>>

Cell Type	Mono crystalline
Cell Quantity	60pieces(6*10)
Cell Size(mm)	157*157
Module Size(mm)	1640*992*35
Module Weight(kg)	17
Glass Thickness(mm)	3.2
Frame Material	Anodizedaluminum alloy
Junction Box	IP68
Cable/Connector	4mm ² ,MC4compatible
Cable Length	+300mm/-300mm;or Customize
Max System Volt(V)	1000VDC
Module Material	15
Power Tolerance	0-+3%

Micro Sun Series 182 >>> TW-280MM-1

0-3%Positive Tolerance



Perc technology



Lower heat spot risk



Excellent low-light performance



Resilient to extreme weather



PID resistant



STC standard performance >>>

Power Level	280
Pmax(W)	280
Vmp(V)	22.05
Imp(A)	18.43
Voc(V)	18.30
Isc(A)	15.30
Temp	-40°C-+85°C

Module Specification >>>

Cell Type	Mono crystalline
Cell Quantity	72pieces(4*18)
Cell Size(mm)	182*91
Module Size(mm)	1722*770*30
Module Weight(kg)	12.5
Glass Thickness(mm)	3.2
Frame Material	Anodizedaluminum alloy
Junction Box	IP68
Cable/Connector	4mm2,MC4compatible
Cable Length	+300mm/-300mm;or Customize
Max System Volt(V)	1000VDC
Module Material	15
Power Tolerance	0-+3%

Micro Sun Series 182 >>> TW-330MM

0-3%Positive Tolerance



PERC technology



Lower heat spot risk



Excellent low-light performance



Resilient to extreme weather



PID resistant



STC standard performance >>>

Power Level	330
Pmax(W)	330
Vmp(V)	33.60
Imp(A)	9.83
Voc(V)	40.80
Isc(A)	10.25
Temp	-40°C-+85°C

Module Specification >>>

Cell Type	Mono crystalline
Cell Quantity	60pieces(5*12)
Cell Size(mm)	182*130
Module Size(mm)	1640*992*35
Module Weight(kg)	17
Glass Thickness(mm)	3.2
Frame Material	Anodizedaluminum alloy
Junction Box	IP68
Cable/Connector	4mm²,MC4compatible
Cable Length	+300mm/-300mm;or Customize
Max System Volt(V)	1000VDC
Max Fuse Rate(A)	15
Power Tolerance	0-+3%

PRODUCT CATALOGUE

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