

Thlinkpower

The Preferred Partner for Energy Solutions



Global Technology Leader
A leading provider of energy storage solutions globally.



Robust R&D Team
150+ professionals with 15+ years of



Patents & Certifications
Over 100 patents and numerous international certifications.



Extensive Service Network
Branches in the US and Germany for global services with up to 30% market share.



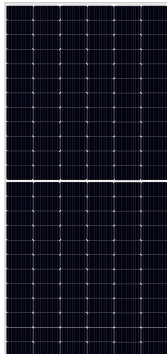
One-Stop Energy Solution
Customized solutions and services with up to 30% market share.



Comprehensive After-Sales Service
24/7 professional support and maintenance.



PV DRAWINGS



10B



Longer Life-time Power Yield



Multi Busbar Technology



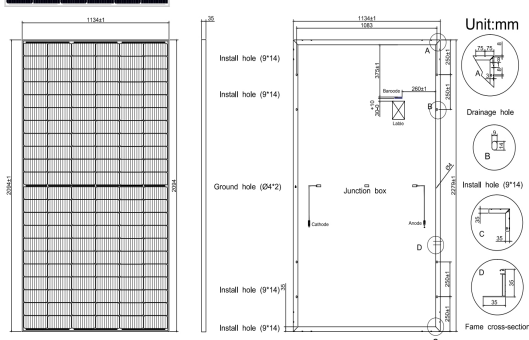
Super Durable



Reduced Hot Spot Loss



Enhanced Mechanical Load



ELECTRICAL DATA(STC)

Model Type	YH525W-36MH	YH530W-36MH	YH535W-36MH	YH540W-36MH	YH545W-36MH
Peak Power(Pmax)	525.00	530.00	535.00	540.00	545.00
Maximum Power Voltage(V _{mp})	41.20	41.40	41.60	41.76	41.93
Maximum Power Current(I _{mp})	12.75	12.81	12.87	12.94	13.00
Open Circuit Voltage(V _{oc})	49.02±3%	49.26±3%	49.50±3%	49.70±3%	49.90±3%
Short Circuit Current(I _{sc})	13.52±3%	13.58±3%	13.63±3%	13.72±3%	13.81±3%
Module Efficiency(%)	20.31	20.51	20.70	20.89	21.09

* STC: irradiance 1000 W/m², AM 1.5G, and cell temperature of 25°C

ELECTRICAL DATA(NOC)

Peak Power(Pmax)	390.00	394.00	397.70	401.40	405.10
Maximum Power Voltage(V _{mp})	38.25	38.44	38.62	38.78	38.93
Maximum Power Current(I _{mp})	10.22	10.27	10.30	10.35	10.41
Open Circuit Voltage(V _{oc})	45.92±3%	46.14±3%	46.36±3%	46.54±3%	46.73±3%
Short Circuit Current(I _{sc})	10.9±3%	10.95±3%	10.97±3%	11.05±3%	11.13±3%

* NOCT: irradiance 800 W/m², AM 1.5G, ambient temperature 20°C, wind speed 1 m/s

TEMPERATURE&MAXIMUM RATIN

Maximum System Voltage(V)	1500V
Maximum Series Fuse Rating(A)	20A
Power Tolerance	0~+3W
Pmax Temperature Coefficients(W/°C)	-0.350 %
Voc Temperature Coefficients(V/°C)	-0.270 %
Isc Temperature Coefficients(A/°C)	+0.048 %
NOCT Nominal Operating Cell Temperature(°C)	45±2°C
Operating and Storage Temperature(°C)	-40~+85°C

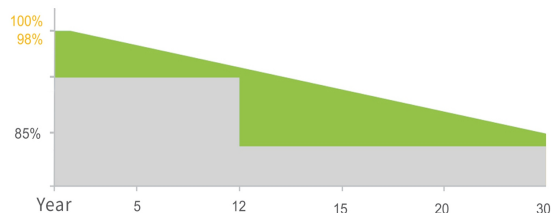
MECHANICAL CHARACTERISTICS

Cell Type	182*91 Mono
No. of Cells	144(6x12)*2
Dimensions	2279*1134*35mm
Weight	27.2kg
Front Glass	3.2mm high transmission, low iron, tempered glass
Frame	Anodized Aluminium Alloy
Junction box	IP67/IP68 3 diodes
Output cables	4mm ² cable 30cm+mc4
MaxWind Load/Snow Load	2400Pa/5400Pa

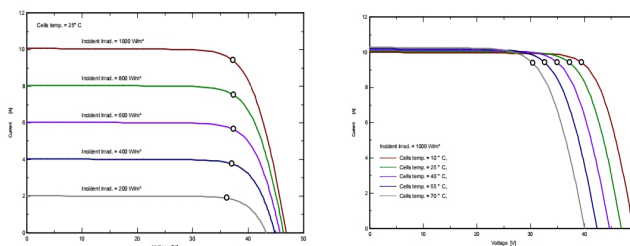
PACKING WAY

20FT	10Packages/275PCS
40HQ	20Packages/620PCS

WARRANTY



IV CURVE



QUALIFICATIONS AND CERTIFICATES



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We have more than 10 years experience in this industry

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We have 550+ employees, and a R&D team of 150+ people

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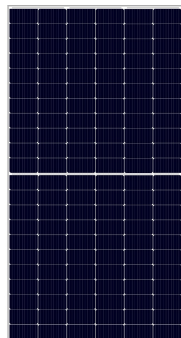
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PV DRAWINGS



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Longer Life-time Power Yield



Multi Busbar Technology



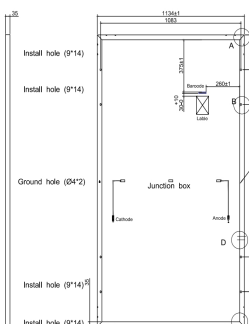
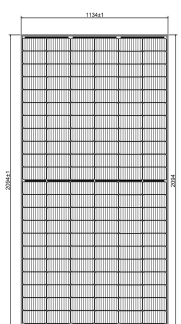
Super Durable



Reduced Hot Spot Loss



Enhanced Mechanical Load



Unit:mm



ELECTRICAL DATA(STC)

Model Type	YH480W-33MH	YH485W-33MH	YH490W-33MH	YH495W-33MH	YH500W-33MH
Peak Power(Pmax)	480.00	485.00	490.00	495.00	500.00
Maximum Power Voltage(V _{mp})	37.53	37.66	37.84	37.99	38.14
Maximum Power Current(I _{mp})	12.79	12.88	12.95	13.03	13.11
Open Circuit Voltage(V _{oc})	43.34±3%	43.47±3%	43.68±3%	43.85±3%	43.92±3%
Short Circuit Current(I _{sc})	13.45±3%	13.55±3%	13.62±3%	13.71±3%	13.78±3%
Module Efficiency(%)	20.21	20.42	20.64	20.85	21.06

* STC: irradiance 1000 W/m², AM 1.5G, and cell temperature of 25°C

ELECTRICAL DATA(NOC)

Peak Power(Pmax)	356.20	359.90	363.60	367.30	371.00
Maximum Power Voltage(V _{mp})	34.85	34.97	35.14	35.28	35.42
Maximum Power Current(I _{mp})	10.24	10.31	10.37	10.43	10.49
Open Circuit Voltage(V _{oc})	40.57±3%	40.7±3%	40.9±3%	41.06±3%	41.13±3%
Short Circuit Current(I _{sc})	10.86±3%	10.94±3%	10.99±3%	11.06±3%	11.12±3%

* NOCT: irradiance 800 W/m², AM 1.5G, ambient temperature 20°C, wind speed 1 m/s

TEMPERATURE&MAXIMUM RATIN

Maximum System Voltage(V)	1500V
Maximum Series Fuse Rating(A)	20A
Power Tolerance	0~+3W
Pmax Temperature Coefficients(W/°C)	-0.350 %
Voc Temperature Coefficients(V/°C)	-0.270 %
Isc Temperature Coefficients(A/°C)	+0.048 %
NOCT Nominal Operating Cell Temperature(°C)	45±2°C
Operating and Storage Temperature(°C)	-40~+85°C

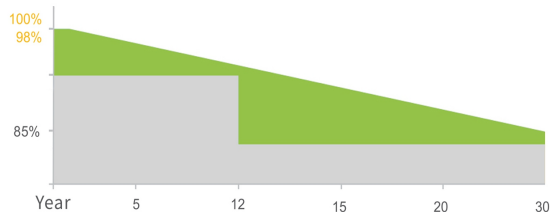
MECHANICAL CHARACTERISTICS

Cell Type	182*91Mono
No. of Cells	132(6x11)*2
Dimensions	2094*1134*35mm
Weight	24.9kg
Front Glass	3.2mm high transmission, low iron, tempered glass
Frame	Anodized Aluminium Alloy
Junction box	IP67/IP68 3 diodes
Output cables	4mm ² cable 30cm+mc4
MaxWind Load/Snow Load	2400Pa/5400Pa

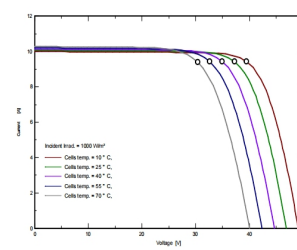
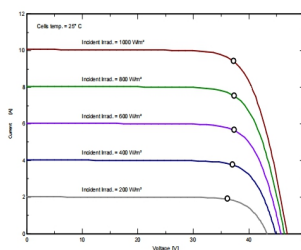
PACKING WAY

20FT	10 Packages/275PCS
40HQ	22 Packages/682PCS

WARRANTY



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QUALIFICATIONS AND CERTIFICATES



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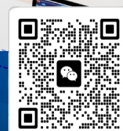
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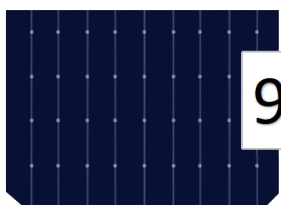
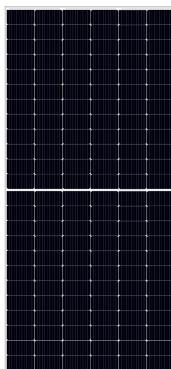


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Customized solutions.



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PV DRAWINGS



9BB



Longer Life-time Power Yield



Multi Busbar Technology



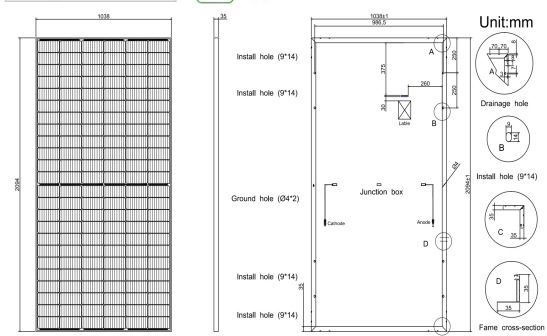
Super Durable



Reduced Hot Spot Loss



Enhanced Mechanical Load



ELECTRICAL DATA(STC)

Model Type	YH430W-36MH	YH440W-36MH	YH450W-36MH	YH460W-36MH
Peak Power(Pmax)	430.00	440.00	450.00	460.00
Maximum Power Voltage(Vmp)	40.70	41.10	41.50	41.90
Maximum Power Current(Imp)	10.57	10.71	10.85	10.99
Open Circuit Voltage(Voc)	48.5±3%	48.9±3%	49.3±3%	49.7±3%
Short Circuit Current(Isc)	11.31±3%	11.46±3%	11.6±3%	11.72±3%
Module Efficiency(%)	19.78	20.24	20.70	21.16

* STC: irradiance 1000 W/m², AM 1.5G, and cell temperature of 25°C

ELECTRICAL DATA(NOC)

Peak Power(Pmax)	321.10	328.60	336.10	343.50
Maximum Power Voltage(Vmp)	37.29	38.30	38.60	39.00
Maximum Power Current(Imp)	8.47	8.59	8.70	8.80
Open Circuit Voltage(Voc)	45.5±3%	45.8±3%	46.2±3%	46.6±3%
Short Circuit Current(Isc)	9.15±3%	9.27±3%	9.38±3%	9.48±3%

* NOCT: irradiance 800 W/m², AM 1.5G, ambient temperature 20°C, wind speed 1 m/s

TEMPERATURE&MAXIMUM RATIN

Maximum System Voltage(V)	1500V
Maximum Series Fuse Rating(A)	20A
Power Tolerance	0~+3W
Pmax Temperature Coefficients(W/°C)	-0.350 %
Voc Temperature Coefficients(V/°C)	-0.270 %
Isc Temperature Coefficients(A/°C)	+0.048 %
NOCT Nominal Operating Cell Temperature(°C)	45±2 °C
Operating and Storage Temperature(°C)	-40~+85°C

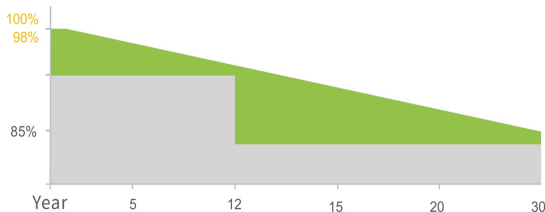
MECHANICAL CHARACTERISRTICS

Cell Type	166*83 Mono
No. of Cells	144(6x12)*2
Dimensions	2094*1038*35mm
Weight	22.82kg
Front Glass	3.2mm high transmission, low iron, tempered glass
Frame	Anodized Aluminium Alloy
Junction box	IP67/IP68 3 diodes
Output cables	4mm ² cable 30cm+mc4
MaxWind Load/Snow Load	2400Pa/5400Pa

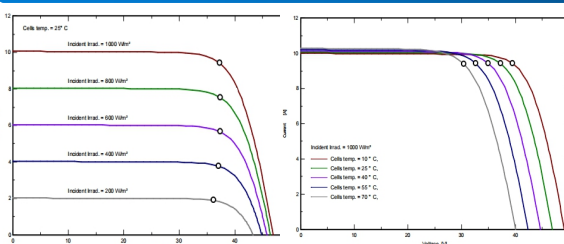
PACKING WAY

20FT	10 Packages/285PCS
40HQ	22Packages/726PCS

WARRANTY



IV CURVE



QUALIFICATIONS AND CERTIFICATES



10

We have more than 10 years experience in this industry

550+

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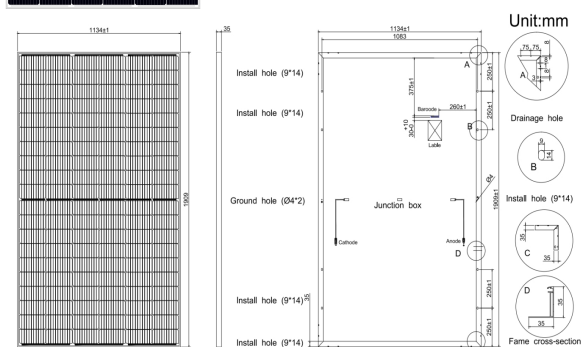
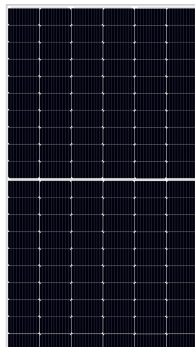


Wechat



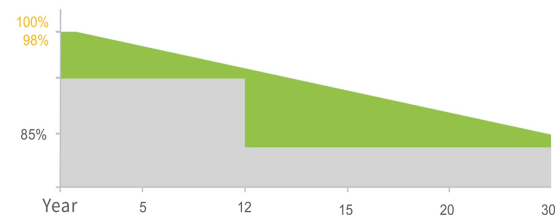
Website

Comprehensive After-Sales Service
24/7 professional support and maintenance.

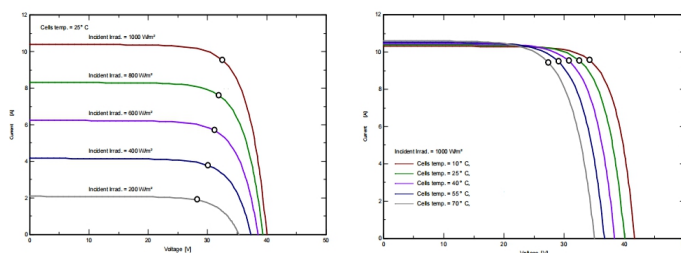


Cell Type	182*91 Mono
No. of Cells	120(6x10)*2
Dimensions	1910*1134*35mm
Weight	22.74kg
Front Glass	3.2mm high transmission,low iron,tempered glass
Frame	Anodized Aluminium Alloy
Junction box	IP67/IP68 3 diodes
Output cables	4mm² cable 30cm+mc4
MaxWind Load/Snow Load	2400Pa/5400Pa

20FT	12 Packages/330PCS
40HQ	24 Packages/744PCS



Maximum System Voltage(V)	1500V
Maximum Series Fuse Rating(A)	20A
Power Tolerance	0 ~ +3W
Pmax Temperature Coefficients(W/℃)	-0.350 %
Voc Temperature Coefficients(V/℃)	-0.270 %
Isc Temperature Coefficients(A/℃)	+0.048 %
NOCT Nominal Operating Cell Temperature(℃)	45±2℃
Operating and Storage Temperature(℃)	-40 ~ +85℃



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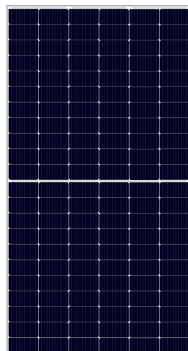


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PV DRAWINGS



9BB



Longer Life-time Power Yield



Multi Busbar Technology



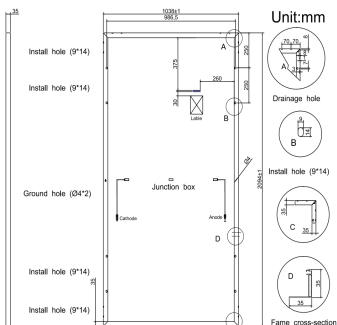
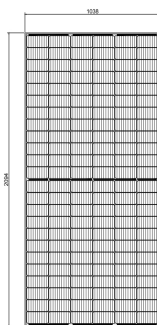
Super Durable



Reduced Hot Spot Loss



Enhanced Mechanical Load



Unit:mm

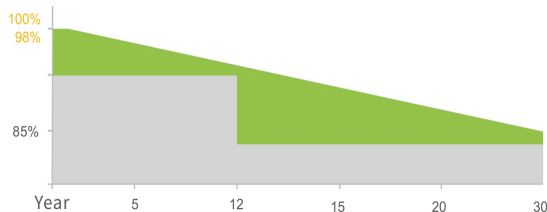
MECHANICAL CHARACTERISTICS

Cell Type	166*83 Mono
No. of Cells	132(6x11)*2
Dimensions	1925*1038*35mm
Weight	20.98kg
Front Glass	3.2mm high transmission, low iron, tempered glass
Frame	Anodized Aluminium Alloy
Junction box	IP67/IP68 3 diodes
Output cables	4mm ² cable 30cm+mc4
MaxWind Load/Snow Load	2400Pa/5400Pa

PACKING WAY

20FT	10 Packages/285PCS
40HQ	24Packages/792PCS

WARRANTY



ELECTRICAL DATA(STC)

Model Type	YH395W-33MH	YH400W-33MH	YH410W-33MH	YH420W-33MH
Peak Power(Pmax)	395.00	400.00	410.00	420.00
Maximum Power Voltage(Vmp)	36.50	36.76	37.49	37.98
Maximum Power Current(Imp)	10.83	10.89	10.94	11.06
Open Circuit Voltage(Voc)	43.02±3%	43.18±3%	43.58±3%	44.15±3%
Short Circuit Current(Isc)	11.44±3%	11.51±3%	11.56±3%	11.69±3%
Module Efficiency(%)	19.77	20.02	20.52	21.02

* STC: irradiance 1000 W/m², AM 1.5G, and cell temperature of 25°C

ELECTRICAL DATA(NOC)

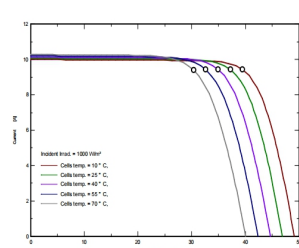
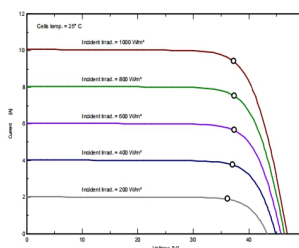
Peak Power(Pmax)	296.00	300.00	307.50	315.00
Maximum Power Voltage(Vmp)	34.01	34.17	34.93	35.38
Maximum Power Current(Imp)	8.67	8.75	8.79	8.89
Open Circuit Voltage(Voc)	40.29±3%	40.43±3%	40.8±3%	41.34±3%
Short Circuit Current(Isc)	9.25±3%	9.31±3%	9.35±3%	9.46±3%

* NOCT: irradiance 800 W/m², AM 1.5G, ambient temperature 20°C, wind speed 1 m/s

TEMPERATURE&MAXIMUM RATIN

Maximum System Voltage(V)	1500V
Maximum Series Fuse Rating(A)	20A
Power Tolerance	0~+3W
Pmax Temperature Coefficients(W/°C)	-0.350 %
Voc Temperature Coefficients(V/°C)	-0.270 %
Isc Temperature Coefficients(A/°C)	+0.048 %
NOCT Nominal Operating Cell Temperature(°C)	45±2 °C
Operating and Storage Temperature(°C)	-40~+85 °C

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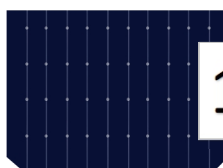
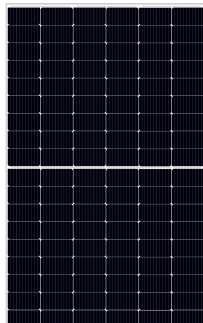
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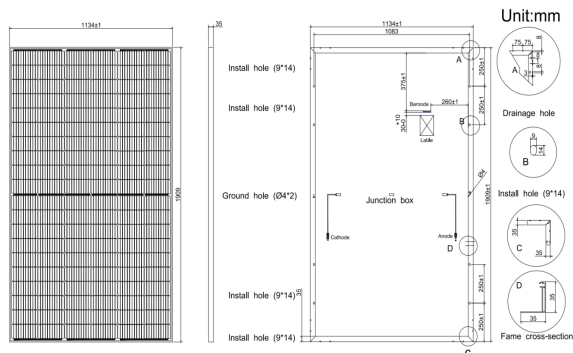
Super Durable



Reduced Hot Spot Loss



Enhanced Mechanical Load



Unit:mm

ELECTRICAL DATA(STC)

Model Type	YH400W-27MH	YH405W-27MH	YH410W-27MH	YH415W-27MH
Peak Power(Pmax)	400.00	405.00	410.00	415.00
Maximum Power Voltage(Vmp)	30.90	31.09	32.80	32.90
Maximum Power Current(Imp)	12.95	13.03	12.50	12.61
*	35.85±3%	36.07±3%	39.69±3%	40.15±3%
Short Circuit Current(Isc)	13.65±3%	13.73±3%	13.25±3%	13.37±3%
Module Efficiency(%)	20.46	20.72	20.78	21.03

* STC: irradiance 1000 W/m², AM 1.5G, and cell temperature of 25°C

ELECTRICAL DATA(NOC)

Peak Power(Pmax)	300.00	303.75	300.50	305.70
Maximum Power Voltage(Vmp)	28.74	28.91	28.60	29.00
Maximum Power Current(Imp)	10.36	10.43	10.51	10.54
Open Circuit Voltage(Voc)	33.34±3%	33.55±3%	34.69±3%	35.18±3%
Short Circuit Current(Isc)	10.92±3%	10.98±3%	11.14±3%	11.17±3%

* NOCT: irradiance 800 W/m², AM 1.5G, ambient temperature 20°C, wind speed 1 m/s

TEMPERATURE&MAXIMUM RATIN

Maximum System Voltage(V)	1500V
Maximum Series Fuse Rating(A)	20A
Power Tolerance	0~+3W
Pmax Temperature Coefficients(W/°C)	-0.350 %
Voc Temperature Coefficients(V/°C)	-0.270 %
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NOCT Nominal Operating Cell Temperature(°C)	45±2 °C
Operating and Storage Temperature(°C)	-40~+85 °C

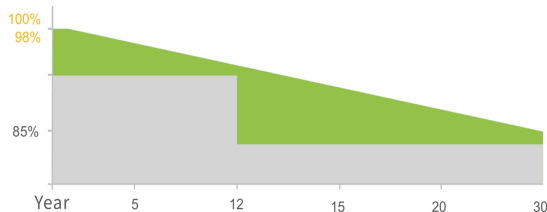
MECHANICAL CHARACTERISRTICS

Cell Type	182*91 Mono
No. of Cells	108(6x9)*2
Dimensions	1724*1134*35mm
Weight	20.53kg
Front Glass	3.2mm high transmission, low iron, tempered glass
Frame	Anodized Aluminium Alloy
Junction box	IP67/IP68 3 diodes
Output cables	4mm ² cable 30cm+mc4
MaxWind Load/Snow Load	2400Pa/5400Pa

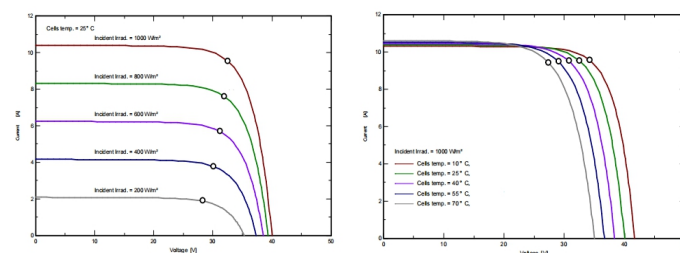
PACKING WAY

20FT	12 Packages/330PCS
40HQ	26 Packages/806PCS

WARRANTY



IV CURVE



QUALIFICATIONS AND CERTIFICATES



10

We have more than 10 years experience in this industry

550+

We have 550+employees, and a R&D team of 150+ people

100

Thlinkpower owns more than 100 patents and many international certifications

300,000

Our products serving more than 300,000 households worldwide.

Thlinkpower



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EMAIL: info@thlinkpower.com/ sales@thlinkpower.com



Wechat



Website

Thlinkpower

The Preferred Partner for Energy Solutions



Global Technology Leader
A leading provider of energy storage solutions globally.



Robust R&D Team
150+ professionals with 10+ years of



Patents & Certifications
Over 100 patents and numerous international certifications.



Extensive Service Network
Branches in the US and Germany for global services with up to 30% market share.

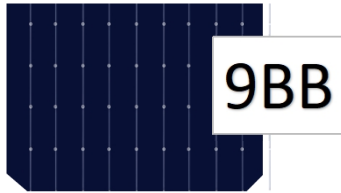


One-Stop Energy Solution
Customized solutions and maintenance.



Comprehensive After-Sales Service
24/7 professional support and maintenance.

PV DRAWINGS



Longer Life-time Power Yield



Multi Busbar Technology



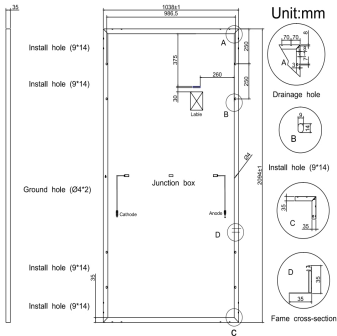
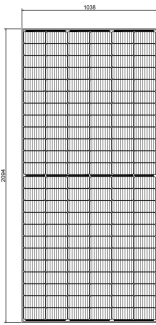
Super Durable



Reduced Hot Spot Loss



Enhanced Mechanical Load



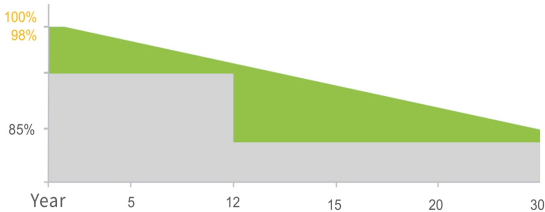
MECHANICAL CHARACTERISTICS

Cell Type	166*83 Mono
No. of Cells	120(6x10)*2
Dimensions	1755*1038*35mm
Weight	19.13kg
Front Glass	3.2mm high transmission, low iron, tempered glass
Frame	Anodized Aluminium Alloy
Junction box	IP67/IP68 3 diodes
Output cables	4mm ² cable 30cm+mc4
MaxWind Load/Snow Load	2400Pa/5400Pa

PACKING WAY

20FT	12 Packages/342PCS
40HQ	26 Packages/858PCS

WARRANTY



ELECTRICAL DATA(STC)

Model Type	YH360W-30MH	YH370W-30MH	YH380W-30MH
Peak Power(Pmax)	360.00	370.00	380.00
Maximum Power Voltage(Vmp)	33.29	33.85	34.43
Maximum Power Current(Imp)	10.83	10.94	11.04
Open Circuit Voltage(Voc)	39.16±3%	39.45±3%	39.92±3%
Short Circuit Current(Isc)	11.43±3%	11.54±3%	11.59±3%
Module Efficiency(%)	19.76	20.31	20.86

* STC: irradiance 1000 W/m², AM 1.5G, and cell temperature of 25°C

ELECTRICAL DATA(NOC)

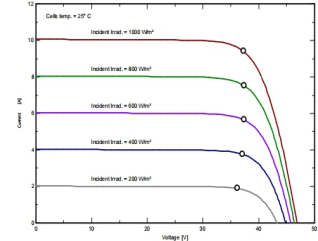
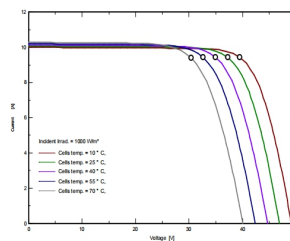
Peak Power(Pmax)	270.00	277.50	285.00
Maximum Power Voltage(Vmp)	31.02	31.48	32.02
Maximum Power Current(Imp)	8.69	8.75	8.84
Open Circuit Voltage(Voc)	36.66±3%	36.69±3%	37.13±3%
Short Circuit Current(Isc)	9.24±3%	9.25±3%	9.27±3%

* NOCT: irradiance 800 W/m², AM 1.5G, ambient temperature 20°C, wind speed 1 m/s

TEMPERATURE&MAXIMUM RATIN

Maximum System Voltage(V)	1500V
Maximum Series Fuse Rating(A)	20A
Power Tolerance	0~+3W
Pmax Temperature Coefficients(W/°C)	-0.350 %
Voc Temperature Coefficients(V/°C)	-0.270 %
Isc Temperature Coefficients(A/°C)	+0.048 %
NOCT Nominal Operating Cell Temperature(°C)	45±2°C
Operating and Storage Temperature(°C)	-40~+85°C

IV CURVE



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