

lpvisola 



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... be your smart energy solution supplier

PROFESSIONAL SOLARPV MODULE MANUFACTURER

ZHEJIANG ISOLA NEW ENERGY CO.,LTD

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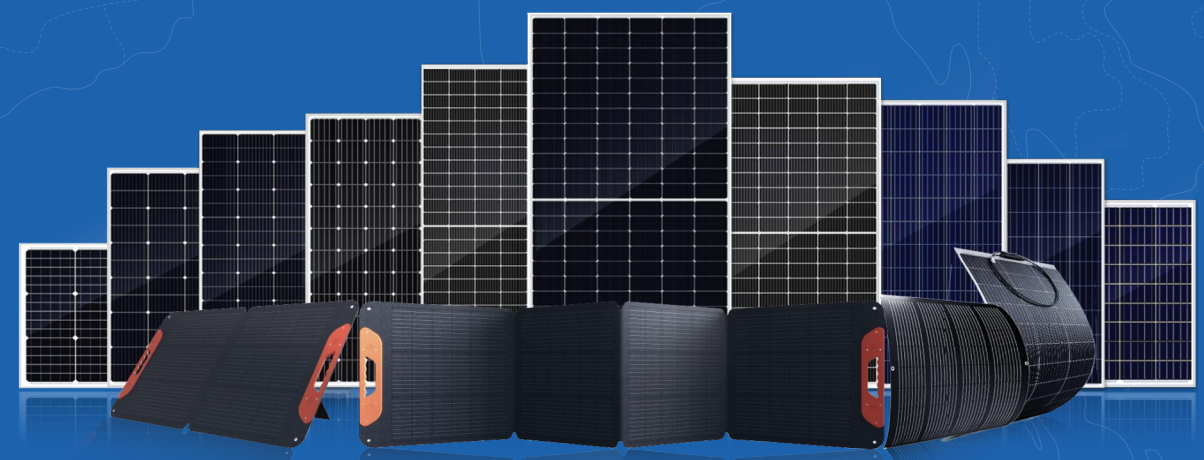
WWW.ZJISOLA.COM



WECHAT



WHATSAPP





ABOUT ISOLA

MORE THAN 15 YEARS SOLAR PRODUCER

ZHEJIANG ISOLA NEW ENERGY CO., LTD is a tech-oriented enterprise, engaged in R&D, production and installation of solar products, including solar cells, solar panels, solar street lighting, on/off-grid solar system, etc.

Isola has a strong and reliable supplier line and 3 factories based in Ningbo and Shandong city. Annual production capacity reaches 1GW for solar cells, 1GW for solar panels. Our subordinate branches, and representative offices are located in more than 10 countries, like Germany, Denmark, Netherlands, Bangladesh, Burma, Brazil, Pakistan, Uzbekistan, India, etc.

Isola insists quality as principle core and keeps improving technique to feedback our customers. Our mission is to help create a better environment, bluer sky and cleaner water.

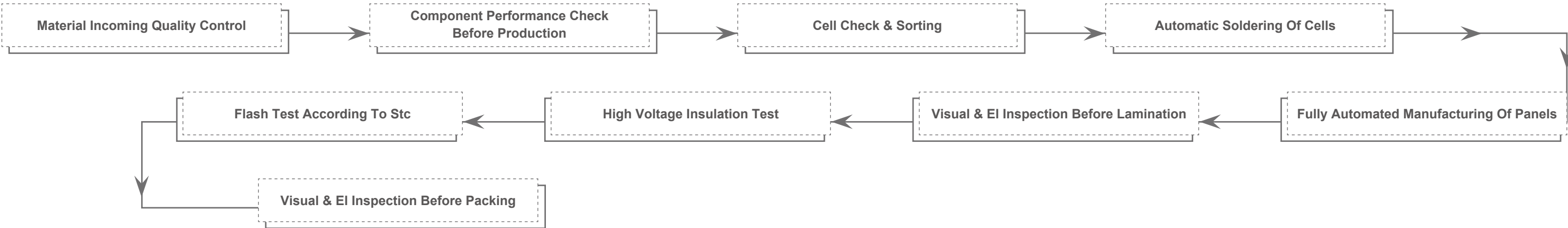
Certification

- ISO9001, ISO14001
- Germany Nord Laboratory which is highest standard in EU Market
- CEC certificate for electrical and mechanical products approved by Australia
- UKCA certificate for electrical and mechanical products approved in UK
- IDCOL certificate approval by Bangladesh market
- INMETRO certificate for Brazil
- All the QC control system and certificate approval make isola's solar panels more reliable in the market

Warranty

- 12-year warranty on product materials and processing technology
- Power output warranty: 12 years: 90%, 30 years: 80%

PRODUCTION PROCESS



MATERIAL ADVANTAGE

BRAND-KNOWN RAW MATERIALS TO ENSURE
MAXIMUM INNER QUALITY

Glass

Anti-reflective coating to increase the module efficiency up to 2%
Light transmittance improvement above 3%
Self-cleaning function



Cell

High power efficiency
Stable performance under weak light conditions
PID free



Eva Film

Light transmittance more than 92%
Snail trail prevention treatment
UV resistance against ageing



Back Sheet

Low moisture permeability against snail trail defect
Excellent electric insulation for high system voltage up to 1500V
Outstanding weatherproof performance



Frame

Strong mechanical load resistance up to 5400 Pa
Anodic oxidation layer resistant to chemical corrosion
Silver and black color optional



Junction Box

IP67/IP68 protection grade
High quality diodes for electric safety
1500V system voltage available



SALES NETWORK

ISOLA, always based on domestic and overseas markets

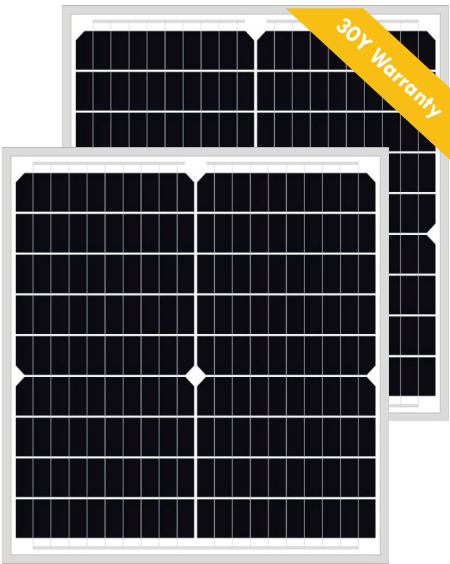
In order to promote the internationalization of IPVISOLA brands, we actively carry out market development in various forms and methods. In order to better "go global", ISOLA not only participated in well-known photovoltaic exhibitions in various countries, but also promoted operations through localized talents and target products. After years of efforts, the number of solar panels ISOLA exported to Europe, South America and Southeast Asian countries has increased significantly. At present, Spain, Germany, Poland, Sweden, Brazil, Argentina, Chile, Malaysia, the Philippines, Indonesia, Vietnam, Bangladesh, etc have become our main market countries.



166M SPLIT CELL

20W

- **Outstanding mechanical load resistance**
2400 Pa wind load, 5400 Pa snow load
- **Anti-PID(potential induced degradation)**
Passed anti-PID test under 85% damp heat, 85% relative humidity for 96 hours
- **Great Durability against extreme conditions**
Passed salt mist corrosion test, ammonia corrosion test, dust&sand test, fire test, all certified by TUV
- **Double electroluminescence (EL) tests**
Carefully inspected before and after lamination to guarantee fault-free modules



ELECTRICAL PERFORMANCE

Model Type	YH20W-9M
Dimensions (L / W / H)	360*360*25
	STC
Peak Power at STC (Pmax)	20
Maximum Power Voltage (Vmp)	9.27V
Maximum Power Current (Imp)	2.16A
Open Circuit Voltage (Voc)	10.95V
Short Circuit Current (Isc)	2.28A
Module Efficiency(%)	15.43

THERMAL CHARACTERISTICS & OPERATING CONDITIONS

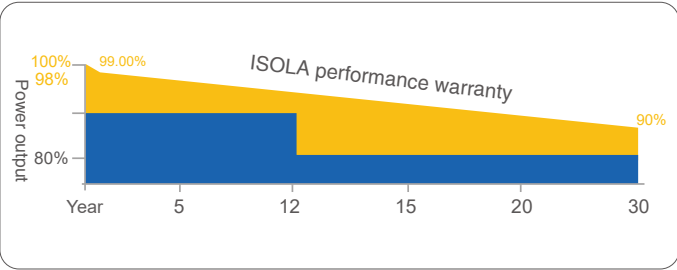
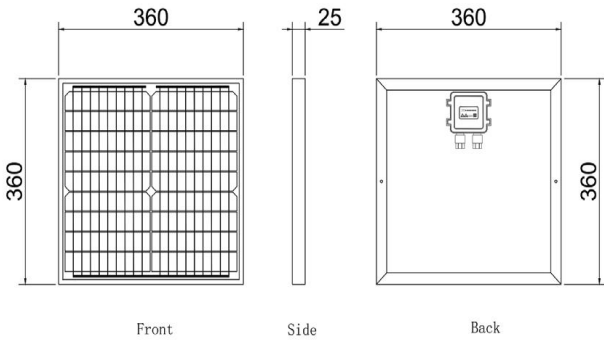
Maximum System Voltage(V)	1000V
Maximum Series Fuse Rating(A)	10A
Power Tolerance	0~+3W
Pmax Temperature Coefficients(W/°C)	-0.400%
Voc Temperature Coefficients(V/°C)	-0.330%
Isc Temperature Coefficients(A/°C)	+0.048%
NOCT Nominal Operating Cell Temperature(°C)	45±2°C
Operating and Storage Temperature(°C)	-40°C~+85°C

CONSTRUCTION MATERIALS

Front Cover (Material / Thickness)	low-iron tempered glass / 3.2mm
Cell (Quantity/Type/Dimensions)	166x33.2Mono
No. of Cells	18(2*9)
Frame (Material)	Anodized Aluminium Alloy
Junction Box (Protection Degree)	IP65/IP67
Cable (Length/Cross-Sectional Area)	Without cables and connector
Weight	1.36kg

PACKAGING SPECIFICATIONS

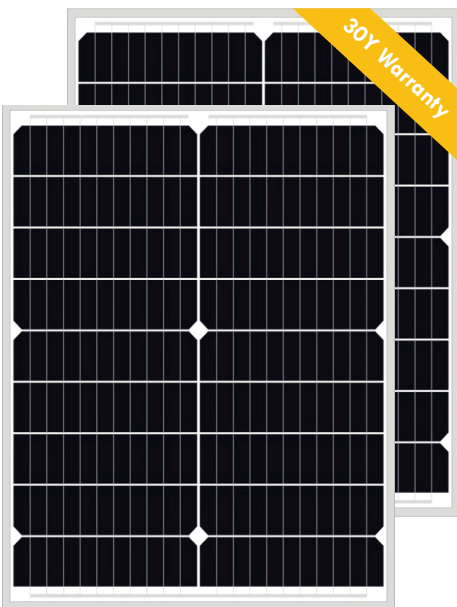
- 20FT container10Packages/6300PCS
- 40HQ container20Packages/14800PCS



182M SPLIT CELL

30W

- **Outstanding mechanical load resistance**
2400 Pa wind load, 5400 Pa snow load
- **Anti-PID(potential induced degradation)**
Passed anti-PID test under 85% damp heat, 85% relative humidity for 96 hours
- **Great Durability against extreme conditions**
Passed salt mist corrosion test, ammonia corrosion test, dust&sand test, fire test, all certified by TUV
- **Double electroluminescence (EL) tests**
Carefully inspected before and after lamination to guarantee fault-free modules



ELECTRICAL PERFORMANCE

Model Type	YH30W-9M
Dimensions (L / W / H)	470*390*25
	STC
Peak Power at STC (Pmax)	30
Maximum Power Voltage (Vmp)	9.83V
Maximum Power Current (Imp)	3.06A
Open Circuit Voltage (Voc)	11.47V
Short Circuit Current (Isc)	3.22A
Module Efficiency(%)	16.37

THERMAL CHARACTERISTICS & OPERATING CONDITIONS

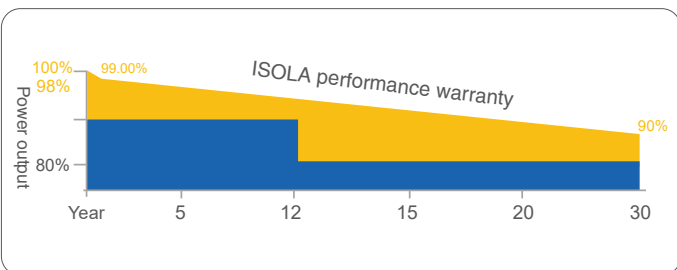
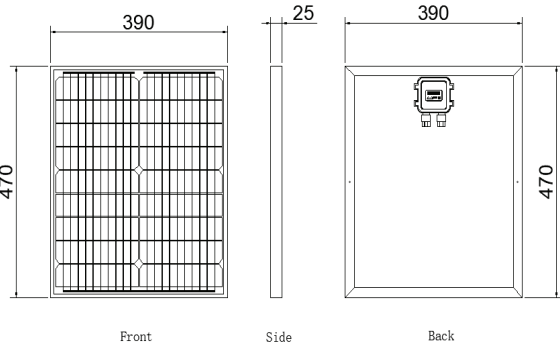
Maximum System Voltage(V)	1000V
Maximum Series Fuse Rating(A)	10A
Power Tolerance	0~+3W
Pmax Temperature Coefficients(W/°C)	-0.400%
Voc Temperature Coefficients(V/°C)	-0.330%
Isc Temperature Coefficients(A/°C)	+0.048%
NOCT Nominal Operating Cell Temperature(°C)	45±2°C
Operating and Storage Temperature(°C)	-40°C~+85°C

CONSTRUCTION MATERIALS

Front Cover (Material / Thickness)	low-iron tempered glass / 3.2mm
Cell (Quantity/Type/Dimensions)	182*45.5 Mono
No. of Cells	18(2*9)
Frame (Material)	Anodized Aluminium Alloy
Junction Box (Protection Degree)	IP65/IP67
Cable (Length/Cross-Sectional Area)	Without cables and connector
Weight	1.92kg

PACKAGING SPECIFICATIONS

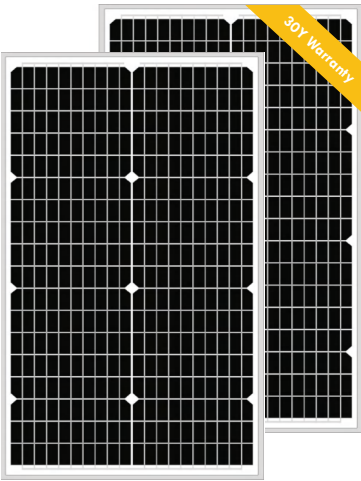
- 20FT container11Packages/4340PCS
- 40HQ container21Packages/10080PCS



166M SPLIT CELL

40W-45W

- Outstanding mechanical load resistance**
2400 Pa wind load, 5400 Pa snow load
- Anti-PID(potential induced degradation)**
Passed anti-PID test under 85% damp heat, 85% relative humidity for 96 hours
- Great Durability against extreme conditions**
Passed salt mist corrosion test, ammonia corrosion test, dust&sand test, fire test, all certified by TUV
- Double electroluminescence (EL) tests**
Carefully inspected before and after lamination to guarantee fault-free modules

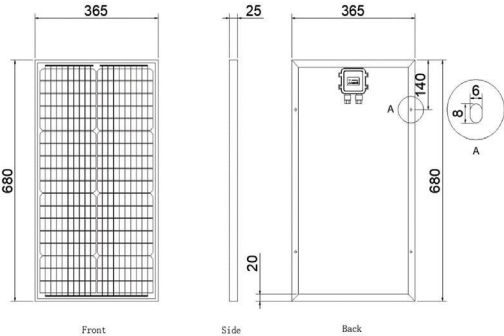


ELECTRICAL PERFORMANCE

Model Type	YH40W-18M	YH45W-18M
Dimensions (L / W / H)	680*365*25	680*365*25
	STC	STC
Peak Power at STC (Pmax)	40	45
Maximum Power Voltage (Vmp)	18.62V	20.72V
Maximum Power Current (Imp)	2.15A	2.18A
Open Circuit Voltage (Voc)	23.37V	23.91V
Short Circuit Current (Isc)	2.27A	2.3A
Module Efficiency(%)	16.12	18.13

THERMAL CHARACTERISTICS & OPERATING CONDITIONS

Maximum System Voltage(V)	1000V
Maximum Series Fuse Rating(A)	10A
Power Tolerance	0~+3W
Pmax Temperature Coefficients(W/°C)	-0.400%
Voc Temperature Coefficients(V/°C)	-0.330%
Isc Temperature Coefficients(A/°C)	+0.048%
NOCT Nominal Operating Cell Temperature(°C)	45±2°C
Operating and Storage Temperature(°C)	-40°C~+85°C

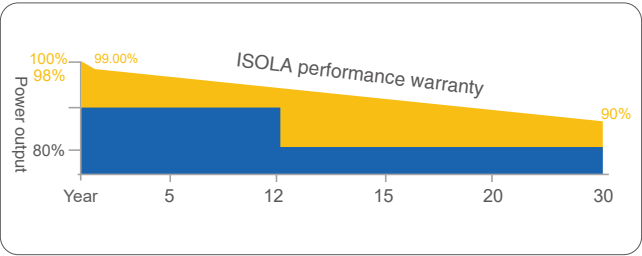


CONSTRUCTION MATERIALS

Front Cover (Material / Thickness)	low-iron tempered glass / 3.2mm
Cell (Quantity/Type/Dimensions)	166*33.2Mono
No. of Cells	36(2*18)
Frame (Material)	Anodized Aluminium Alloy
Junction Box (Protection Degree)	IP65/IP67
Cable (Length/Cross-Sectional Area)	Without cables and connector
Weight	2.61kg

PACKAGING SPECIFICATIONS

- 20FT container8Packages/3360PCS
- 40HQ container18Packages/8160PCS



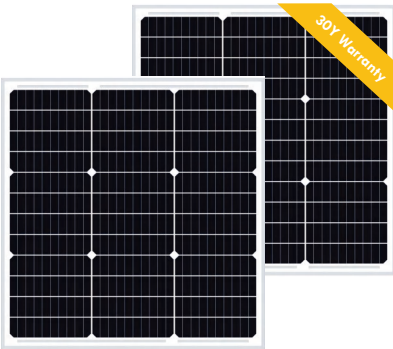
STC☀Irradiance 1000W/m²🔌Cell Temperature 25℃AM=1.5

NOCT☀Irradiance 800W/m²🔌Ambient Temperature 20℃AM=1.5

166M SPLIT CELL

50W-55W

- Outstanding mechanical load resistance**
2400 Pa wind load, 5400 Pa snow load
- Anti-PID(potential induced degradation)**
Passed anti-PID test under 85% damp heat, 85% relative humidity for 96 hours
- Great Durability against extreme conditions**
Passed salt mist corrosion test, ammonia corrosion test, dust&sand test, fire test, all certified by TUV
- Double electroluminescence (EL) tests**
Carefully inspected before and after lamination to guarantee fault-free modules

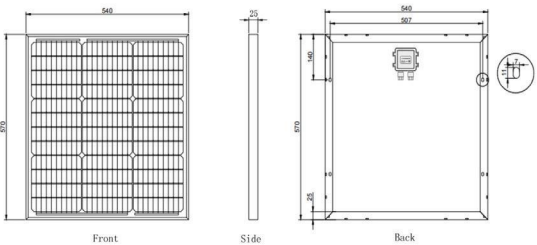


ELECTRICAL PERFORMANCE

Model Type	YH50W-18M	YH55W-18M
Dimensions (L / W / H)	570*540*25	570*540*25
	STC	STC
Peak Power at STC (Pmax)	50	55
Maximum Power Voltage (Vmp)	19.72V	20.54V
Maximum Power Current (Imp)	2.54A	2.68A
Open Circuit Voltage (Voc)	23.29	23.79
Short Circuit Current (Isc)	2.68	2.82
Module Efficiency(%)	16.24	17.87

THERMAL CHARACTERISTICS & OPERATING CONDITIONS

Maximum System Voltage(V)	1000V
Maximum Series Fuse Rating(A)	10A
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°C~+85°C

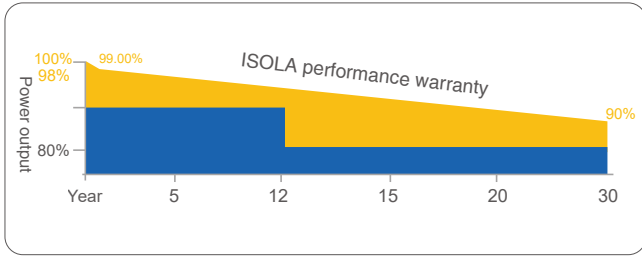


CONSTRUCTION MATERIALS

Front Cover (Material / Thickness)	low-iron tempered glass / 3.2mm
Cell (Quantity/Type/Dimensions)	166*41.5 Mono
No. of Cells	36(3*12)
Frame (Material)	Anodized Aluminium Alloy
Junction Box (Protection Degree)	IP65/IP67
Cable (Length/Cross-Sectional Area)	Without cables and connector
Weight	3.23kg

PACKAGING SPECIFICATIONS

- 20FT container10Packages/2520PCS
- 40HQ container20Packages/6400PCS



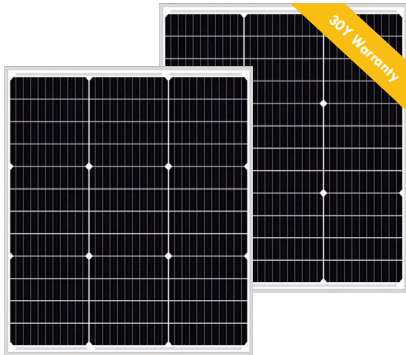
STC☀Irradiance 1000W/m²🔌Cell Temperature 25℃AM=1.5

NOCT☀Irradiance 800W/m²🔌Ambient Temperature 20℃AM=1.5

182M SPLIT CELL

60W-65W

- Outstanding mechanical load resistance**
2400 Pa wind load, 5400 Pa snow load
- Anti-PID(potential induced degradation)**
Passed anti-PID test under 85% damp heat, 85% relative humidity for 96 hours
- Great Durability against extreme conditions**
Passed salt mist corrosion test, ammonia corrosion test, dust&sand test, fire test, all certified by TUV
- Double electroluminescence (EL) tests**
Carefully inspected before and after lamination to guarantee fault-free modules

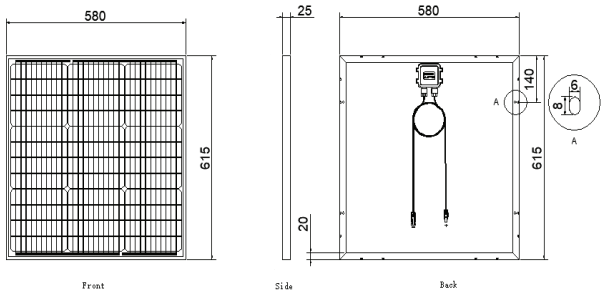


ELECTRICAL PERFORMANCE

Model Type	YH60W-18M	YH65W-18M
Dimensions (L / W / H)	615*580*25	615*580*25
	STC	STC
Peak Power at STC (Pmax)	60	65
Maximum Power Voltage (Vmp)	20.26V	20.43V
Maximum Power Current (Imp)	2.97A	3.19A
Open Circuit Voltage (Voc)	23.63	23.80
Short Circuit Current (Isc)	3.13	3.37
Module Efficiency(%)	16.82	18.22

THERMAL CHARACTERISTICS & OPERATING CONDITIONS

Maximum System Voltage(V)	1000V
Maximum Series Fuse Rating(A)	10A
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°C~+85°C

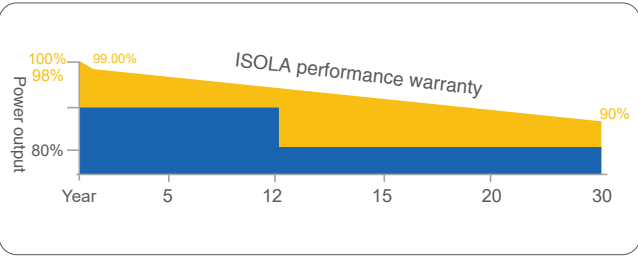


CONSTRUCTION MATERIALS

Front Cover (Material / Thickness)	low-iron tempered glass / 3.2mm
Cell (Quantity/Type/Dimensions)	182*45.5 Mono
No. of Cells	36(3*12)
Frame (Material)	Anodized Aluminium Alloy
Junction Box (Protection Degree)	IP65/IP67
Cable (Length/Cross-Sectional Area)	2.5mm² cable 50cm+mc4
Weight	3.75kg

PACKAGING SPECIFICATIONS

- 20FT container10Packages/2232PCS
- 40HQ container18Packages/5472PCS



166M SPLIT CELL

70W-75W

- Outstanding mechanical load resistance**
2400 Pa wind load, 5400 Pa snow load
- Anti-PID(potential induced degradation)**
Passed anti-PID test under 85% damp heat, 85% relative humidity for 96 hours
- Great Durability against extreme conditions**
Passed salt mist corrosion test, ammonia corrosion test, dust&sand test, fire test, all certified by TUV
- Double electroluminescence (EL) tests**
Carefully inspected before and after lamination to guarantee fault-free modules

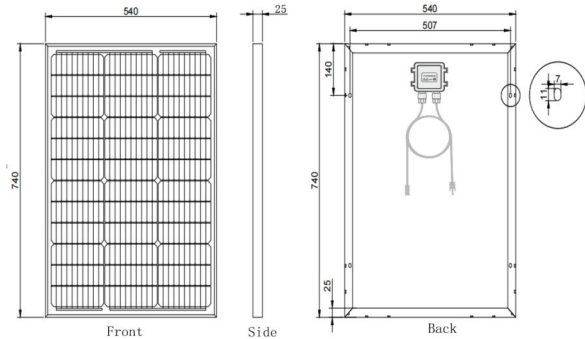


ELECTRICAL PERFORMANCE

Model Type	YH70W-18M	YH75W-18M
Dimensions (L / W / H)	740*540*25	740*540*25
	STC	STC
Peak Power at STC (Pmax)	70	75
Maximum Power Voltage (Vmp)	19.85V	20.55V
Maximum Power Current (Imp)	3.53A	3.65A
Open Circuit Voltage (Voc)	23.44	23.82
Short Circuit Current (Isc)	3.73	3.85
Module Efficiency(%)	17.52	18.77

THERMAL CHARACTERISTICS & OPERATING CONDITIONS

Maximum System Voltage(V)	1000V
Maximum Series Fuse Rating(A)	10A
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°C~+85°C

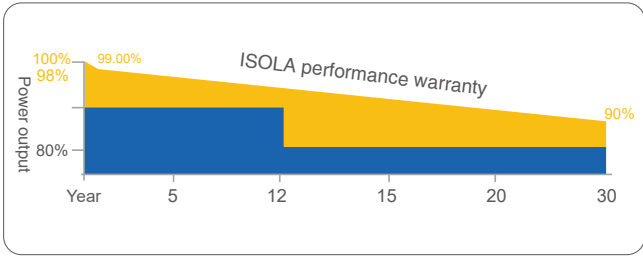


CONSTRUCTION MATERIALS

Front Cover (Material / Thickness)	low-iron tempered glass / 3.2mm
Cell (Quantity/Type/Dimensions)	166*55.33 Mono
No. of Cells	36(3*12)
Frame (Material)	Anodized Aluminium Alloy
Junction Box (Protection Degree)	IP65/IP67
Cable (Length/Cross-Sectional Area)	2.5mm² cable 50cm+mc4
Weight	4.20kg

PACKAGING SPECIFICATIONS

- 20FT container14Packages/1960PCS
- 40HQ container16Packages/4800PCS



182M SPLIT CELL
80W-90W

- Outstanding mechanical load resistance**
2400 Pa wind load, 5400 Pa snow load
- Anti-PID(potential induced degradation)**
Passed anti-PID test under 85% damp heat, 85% relative humidity for 96 hours
- Great Durability against extreme conditions**
Passed salt mist corrosion test, ammonia corrosion test, dust&sand test, fire test, all certified by TUV
- Double electroluminescence (EL) tests**
Carefully inspected before and after lamination to guarantee fault-free modules

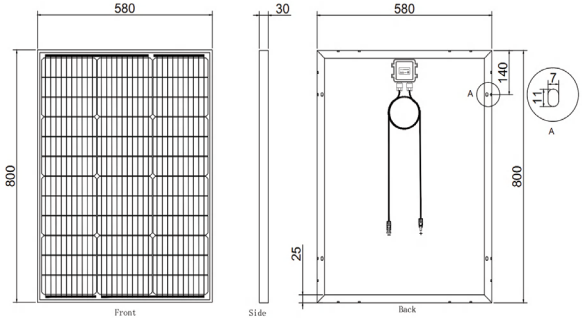


ELECTRICAL PERFORMANCE

Model Type	YH80W-18M	YH85W-18M	YH90W-18M
Dimensions (L / W / H)	800*580*30	800*580*30	800*580*30
	STC	STC	STC
Peak Power at STC (Pmax)	80	85	90
Maximum Power Voltage (Vmp)	19.05V	20.29V	21.18V
Maximum Power Current (Imp)	4.20A	4.20A	4.25A
Open Circuit Voltage (Voc)	22.23	23.67	24.09
Short Circuit Current (Isc)	4.45	4.44	4.46
Module Efficiency(%)	17.24	18.32	19.4

THERMAL CHARACTERISTICS & OPERATING CONDITIONS

Maximum System Voltage(V)	1000V
Maximum Series Fuse Rating(A)	10A
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°C~+85°C

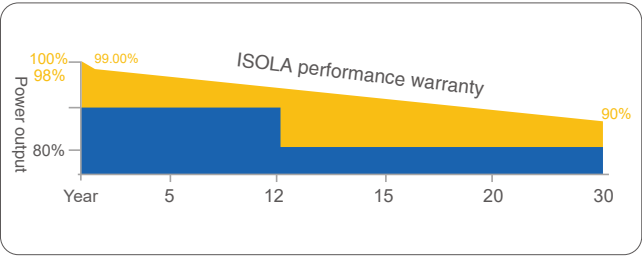


CONSTRUCTION MATERIALS

Front Cover (Material / Thickness)	low-iron tempered glass / 3.2mm
Cell (Quantity/Type/Dimensions)	182*60.66 Mono
No. of Cells	36(3*12)
Frame (Material)	Anodized Aluminium Alloy
Junction Box (Protection Degree)	IP65/IP67
Cable (Length/Cross-Sectional Area)	2.5mm² cable 50cm+mc4
Weight	4.87kg

PACKAGING SPECIFICATIONS

- 20FT container14Packages/1344PCS
- 40HQ container28Packages/3472PCS



166M SPLIT CELL
100W-110W

- Outstanding mechanical load resistance**
2400 Pa wind load, 5400 Pa snow load
- Anti-PID(potential induced degradation)**
Passed anti-PID test under 85% damp heat, 85% relative humidity for 96 hours
- Great Durability against extreme conditions**
Passed salt mist corrosion test, ammonia corrosion test, dust&sand test, fire test, all certified by TUV
- Double electroluminescence (EL) tests**
Carefully inspected before and after lamination to guarantee fault-free modules

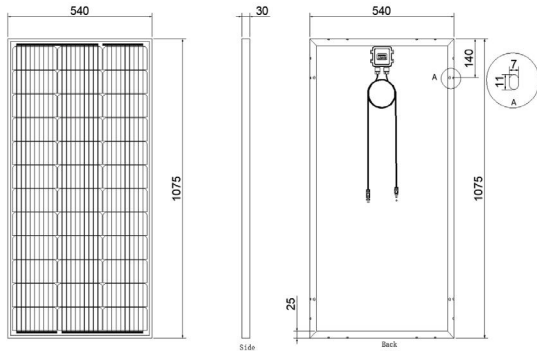


ELECTRICAL PERFORMANCE

Model Type	YH100W-18M	YH110W-18M
Dimensions (L / W / H)	1075*540*30	1075*540*30
	STC	STC
Peak Power at STC (Pmax)	100	110
Maximum Power Voltage (Vmp)	18.56V	20.12V
Maximum Power Current (Imp)	5.39A	5.47A
Open Circuit Voltage (Voc)	21.92	23.52
Short Circuit Current (Isc)	5.7	5.78
Module Efficiency(%)	17.23	18.95

THERMAL CHARACTERISTICS & OPERATING CONDITIONS

Maximum System Voltage(V)	1000V
Maximum Series Fuse Rating(A)	10A
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°C~+85°C

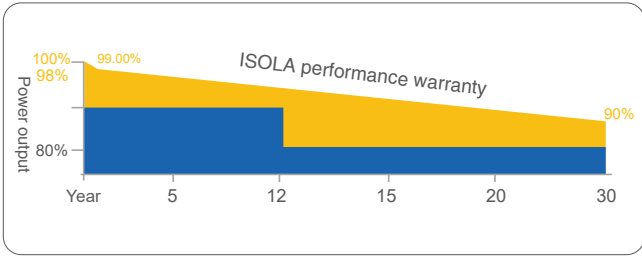


CONSTRUCTION MATERIALS

Front Cover (Material / Thickness)	low-iron tempered glass / 3.2mm
Cell (Quantity/Type/Dimensions)	166*83 Mono
No. of Cells	36(3*12)
Frame (Material)	Anodized Aluminium Alloy
Junction Box (Protection Degree)	IP65/IP67
Cable (Length/Cross-Sectional Area)	2.5mm² cable 50cm+mc4
Weight	6.10kg

PACKAGING SPECIFICATIONS

- 20FT container10Packages/1200PCS
- 40HQ container22Packages/2856PCS



182M SPLIT CELL
120W-135W

- Outstanding mechanical load resistance**
2400 Pa wind load, 5400 Pa snow load
- Anti-PID(potential induced degradation)**
Passed anti-PID test under 85% damp heat, 85% relative humidity for 96 hours
- Great Durability against extreme conditions**
Passed salt mist corrosion test, ammonia corrosion test, dust&sand test, fire test, all certified by TUV
- Double electroluminescence (EL) tests**
Carefully inspected before and after lamination to guarantee fault-free modules



ELECTRICAL PERFORMANCE

Model Type	YH120W-18M	YH130W-18M	YH130W-18M
Dimensions (L / W / H)	1170*580*30	1170*580*30	1170*580*30
	STC	STC	STC
Peak Power at STC (Pmax)	120	130	135
Maximum Power Voltage (Vmp)	19.06V	20.43V	20.72V
Maximum Power Current (Imp)	6.30A	6.37A	6.52A
Open Circuit Voltage (Voc)	22.25	23.75	23.92
Short Circuit Current (Isc)	6.66	6.73	7.52
Module Efficiency(%)	17.68	19.16	19.89

THERMAL CHARACTERISTICS & OPERATING CONDITIONS

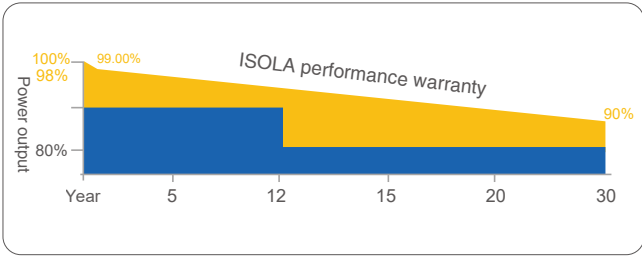
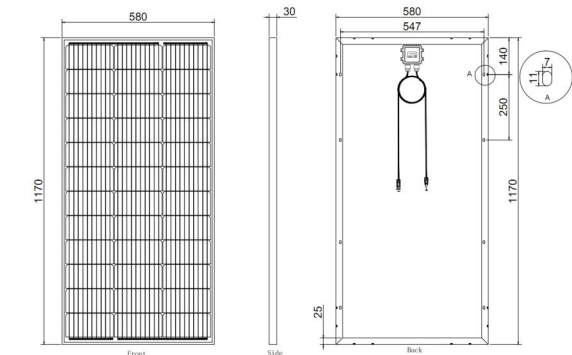
Maximum System Voltage(V)	1000V
Maximum Series Fuse Rating(A)	10A
Power Tolerance	0~+3W
Pmax Temperature Coefficients(W/°C)	-0.350%
Voc Temperature Coefficients(V/°C)	-0.270%
Isc Temperature Coefficients(A/°C)	+0.048%
NOCT Nominal Operating Cell Temperature(°C)	45±2°C
Operating and Storage Temperature(°C)	-40°C~+85°C

CONSTRUCTION MATERIALS

Front Cover (Material / Thickness)	low-iron tempered glass / 3.2mm
Cell (Quantity/Type/Dimensions)	182*91 Mono
No. of Cells	36(3*12)
Frame (Material)	Anodized Aluminium Alloy
Junction Box (Protection Degree)	IP65/IP67
Cable (Length/Cross-Sectional Area)	2.5mm² cable 50cm+mc4
Weight	7.13kg

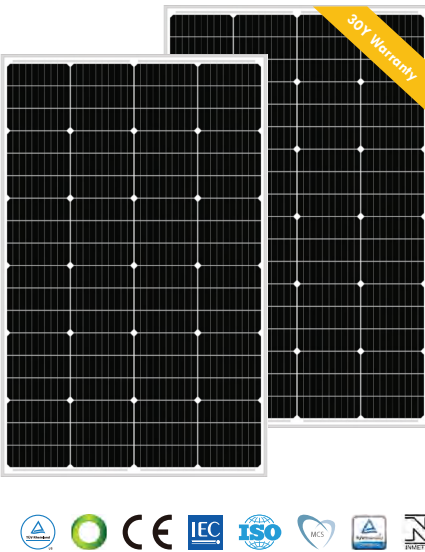
PACKAGING SPECIFICATIONS

- 20FT container9Packages/918PCS
- 40HQ container19Packages/2356PCS



166M SPLIT CELL
140W-150W

- Outstanding mechanical load resistance**
2400 Pa wind load, 5400 Pa snow load
- Anti-PID(potential induced degradation)**
Passed anti-PID test under 85% damp heat, 85% relative humidity for 96 hours
- Great Durability against extreme conditions**
Passed salt mist corrosion test, ammonia corrosion test, dust&sand test, fire test, all certified by TUV
- Double electroluminescence (EL) tests**
Carefully inspected before and after lamination to guarantee fault-free modules



ELECTRICAL PERFORMANCE

Model Type	YH140W-18M	YH150W-18M
Dimensions (L / W / H)	1080*705*30	1080*705*30
	STC	STC
Peak Power at STC (Pmax)	140	150
Maximum Power Voltage (Vmp)	19.85V	20.55V
Maximum Power Current (Imp)	7.06A	7.30A
Open Circuit Voltage (Voc)	23.44	23.82
Short Circuit Current (Isc)	7.46	7.69
Module Efficiency(%)	18.39	19.70

THERMAL CHARACTERISTICS & OPERATING CONDITIONS

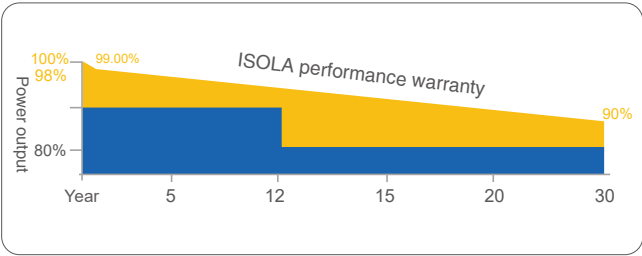
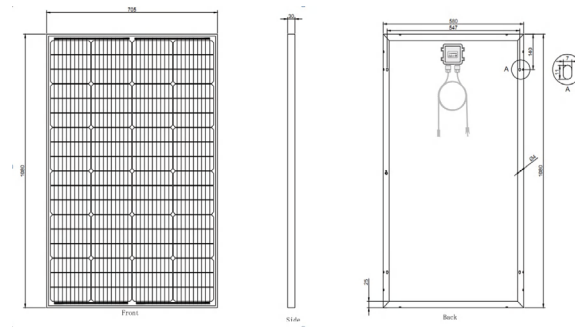
Maximum System Voltage(V)	1000V
Maximum Series Fuse Rating(A)	15A
Power Tolerance	0~+3W
Pmax Temperature Coefficients(W/°C)	-0.350%
Voc Temperature Coefficients(V/°C)	-0.270%
Isc Temperature Coefficients(A/°C)	+0.048%
NOCT Nominal Operating Cell Temperature(°C)	45±2°C
Operating and Storage Temperature(°C)	-40°C~+85°C

CONSTRUCTION MATERIALS

Front Cover (Material / Thickness)	low-iron tempered glass / 3.2mm
Cell (Quantity/Type/Dimensions)	166*55.33 Mono
No. of Cells	72(4*18)
Frame (Material)	Anodized Aluminium Alloy
Junction Box (Protection Degree)	IP65/IP67
Cable (Length/Cross-Sectional Area)	2.5mm² cable 50cm+mc4
Weight	7.99kg

PACKAGING SPECIFICATIONS

- 20FT container8Packages/960PCS
- 40HQ container16Packages/2176PCS



182M SPLIT CELL
160W-170W

- Outstanding mechanical load resistance**
2400 Pa wind load, 5400 Pa snow load
- Anti-PID(potential induced degradation)**
Passed anti-PID test under 85% damp heat, 85% relative humidity for 96 hours
- Great Durability against extreme conditions**
Passed salt mist corrosion test, ammonia corrosion test, dust&sand test, fire test, all certified by TUV
- Double electroluminescence (EL) tests**
Carefully inspected before and after lamination to guarantee fault-free modules

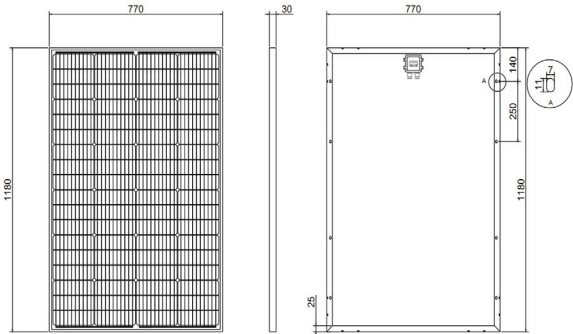


ELECTRICAL PERFORMANCE

Model Type	YH160W-18M	YH170W-18M
Dimensions (L / W / H)	1180*770*30	1180*770*30
	STC	STC
Peak Power at STC (Pmax)	160	170
Maximum Power Voltage (Vmp)	19.06V	20.30V
Maximum Power Current (Imp)	8.40A	8.38A
Open Circuit Voltage (Voc)	22.24	23.69
Short Circuit Current (Isc)	8.89	8.87
Module Efficiency(%)	17.61	18.71

THERMAL CHARACTERISTICS & OPERATING CONDITIONS

Maximum System Voltage(V)	1000V
Maximum Series Fuse Rating(A)	10A
Power Tolerance	0~+3%
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°C~+85°C

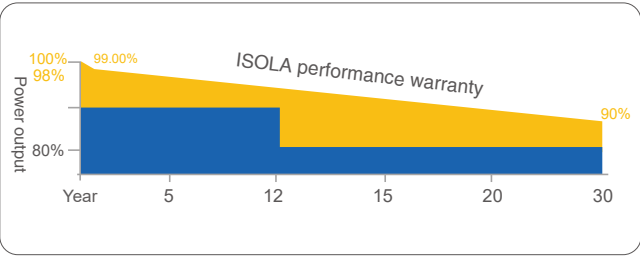


CONSTRUCTION MATERIALS

Front Cover (Material / Thickness)	low-iron tempered glass / 3.2mm
Cell (Quantity/Type/Dimensions)	182*60.66 Mono
No. of Cells	72(4*18)
Frame (Material)	Anodized Aluminium Alloy
Junction Box (Protection Degree)	IP65/IP67
Cable (Length/Cross-Sectional Area)	2.5mm² cable 50cm+mc4
Weight	9.54kg

PACKAGING SPECIFICATIONS

- 20FT container9Packages/684PCS
- 40HQ container20Packages/1840PCS



STC☀️Irradiance 1000W/m²🔌Cell Temperature 25 °CAM=1.5
NOCT☀️Irradiance 800W/m²🔌Ambient Temperature 20 °CAM=1.5

210M SPLIT CELL
180W-200W

- Outstanding mechanical load resistance**
2400 Pa wind load, 5400 Pa snow load
- Anti-PID(potential induced degradation)**
Passed anti-PID test under 85% damp heat, 85% relative humidity for 96 hours
- Great Durability against extreme conditions**
Passed salt mist corrosion test, ammonia corrosion test, dust&sand test, fire test, all certified by TUV
- Double electroluminescence (EL) tests**
Carefully inspected before and after lamination to guarantee fault-free modules

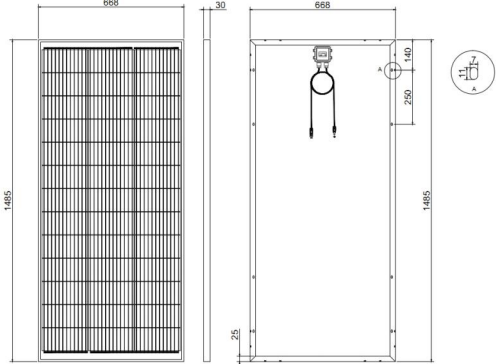


ELECTRICAL PERFORMANCE

Model Type	YH180W-18M	YH190W-18M	YH200W-18M
Dimensions (L / W / H)	1485*668*30	1485*668*30	1485*668*30
	STC	STC	STC
Peak Power at STC (Pmax)	180	190	200
Maximum Power Voltage (Vmp)	21.79V	21.86V	22.45V
Maximum Power Current (Imp)	8.27A	8.70A	8.91A
Open Circuit Voltage (Voc)	24.37	25.62	26.01
Short Circuit Current (Isc)	8.72	9.19	9.41
Module Efficiency(%)	18.15	19.15	20.16

THERMAL CHARACTERISTICS & OPERATING CONDITIONS

Maximum System Voltage(V)	1000V
Maximum Series Fuse Rating(A)	10A
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°C~+85°C

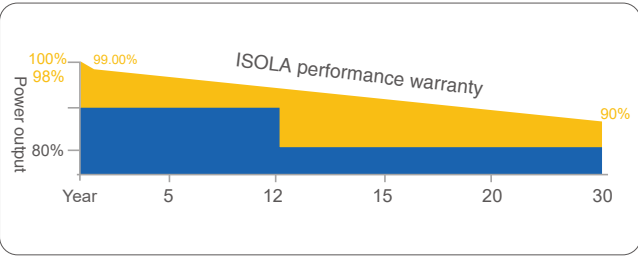


CONSTRUCTION MATERIALS

Front Cover (Material / Thickness)	low-iron tempered glass / 3.2mm
Cell (Quantity/Type/Dimensions)	210*105 Mono
No. of Cells	39(3*13)
Frame (Material)	Anodized Aluminium Alloy
Junction Box (Protection Degree)	IP65/IP67
Cable (Length/Cross-Sectional Area)	2.5mm² cable 50cm+mc4
Weight	10.42kg

PACKAGING SPECIFICATIONS

- 20FT container7Packages/672PCS
- 40HQ container15Packages/1560PCS



STC☀️Irradiance 1000W/m²🔌Cell Temperature 25 °CAM=1.5
NOCT☀️Irradiance 800W/m²🔌Ambient Temperature 20 °CAM=1.5

166M SPLIT CELL
210W-230W

- Outstanding mechanical load resistance**
2400 Pa wind load, 5400 Pa snow load
- Anti-PID(potential induced degradation)**
Passed anti-PID test under 85% damp heat, 85% relative humidity for 96 hours
- Great Durability against extreme conditions**
Passed salt mist corrosion test, ammonia corrosion test, dust&sand test, fire test, all certified by TUV
- Double electroluminescence (EL) tests**
Carefully inspected before and after lamination to guarantee fault-free modules

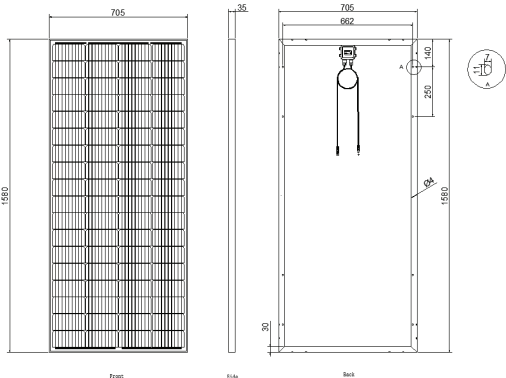


ELECTRICAL PERFORMANCE

Model Type	YH210W-36M	YH220W-36M	YH230W-36M
Dimensions (L / W / H)	1580*705*35	1580*705*35	1580*705*35
	STC	STC	STC
Peak Power at STC (Pmax)	210	220	230
Maximum Power Voltage (Vmp)	39.42V	40.50V	41.43V
Maximum Power Current (Imp)	5.33A	5.44A	5.56A
Open Circuit Voltage (Voc)	46.52	47.33	48.00
Short Circuit Current (Isc)	5.63	5.74	5.87
Module Efficiency(%)	18.85	19.75	20.65

THERMAL CHARACTERISTICS & OPERATING CONDITIONS

Maximum System Voltage(V)	1000V
Maximum Series Fuse Rating(A)	10A
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°C~+85°C

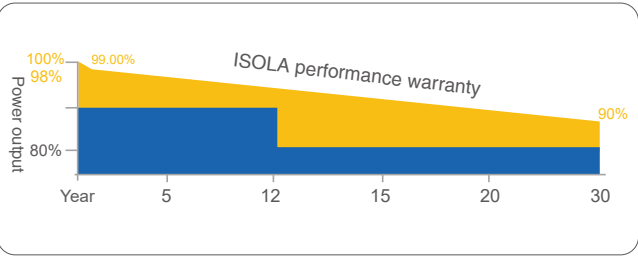


CONSTRUCTION MATERIALS

Front Cover (Material / Thickness)	low-iron tempered glass / 3.2mm
Cell (Quantity/Type/Dimensions)	166*83 Mono
No. of Cells	72(4*18)
Frame (Material)	Anodized Aluminium Alloy
Junction Box (Protection Degree)	IP65/IP67
Cable (Length/Cross-Sectional Area)	4mm² cable 90cm+mc4
Weight	11.70kg

PACKAGING SPECIFICATIONS

- 20FT container7Packages/512PCS
- 40HQ container14Packages/1302PCS



STC☀️Irradiance 1000W/m²🔌Cell Temperature 25 °CAM=1.5

NOCT☀️Irradiance 800W/m²🔌Ambient Temperature 20 °CAM=1.5

182M SPLIT CELL
250W-280W

- Outstanding mechanical load resistance**
2400 Pa wind load, 5400 Pa snow load
- Anti-PID(potential induced degradation)**
Passed anti-PID test under 85% damp heat, 85% relative humidity for 96 hours
- Great Durability against extreme conditions**
Passed salt mist corrosion test, ammonia corrosion test, dust&sand test, fire test, all certified by TUV
- Double electroluminescence (EL) tests**
Carefully inspected before and after lamination to guarantee fault-free modules

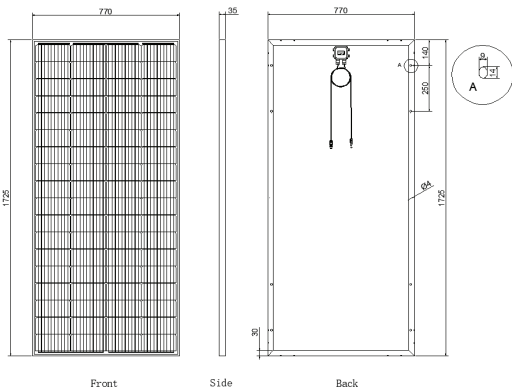


ELECTRICAL PERFORMANCE

Model Type	YH250W-36M	YH260W-36M	YH270W-36M	YH280W-36M
Dimensions (L / W / H)	1725*770*35	1725*770*35	1725*770*35	1725*770*35
	STC	STC	STC	STC
Peak Power at STC (Pmax)	250	260	270	280
Maximum Power Voltage (Vmp)	40.24V	40.87V	41.44V	42.27V
Maximum Power Current (Imp)	6.22A	6.37A	6.52A	6.63A
Open Circuit Voltage (Voc)	46.96	47.52	47.80	48.07
Short Circuit Current (Isc)	6.57	6.72	6.86	6.94
Module Efficiency(%)	18.82	19.57	20.33	21.08

THERMAL CHARACTERISTICS & OPERATING CONDITIONS

Maximum System Voltage(V)	1000V
Maximum Series Fuse Rating(A)	15A
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°C~+85°C

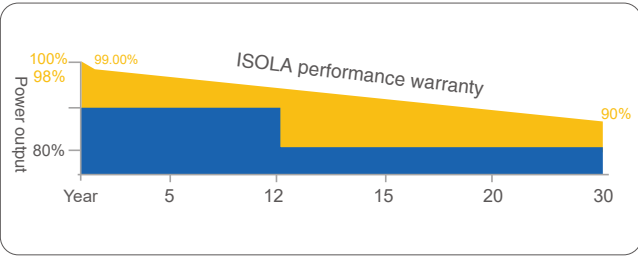


CONSTRUCTION MATERIALS

Front Cover (Material / Thickness)	low-iron tempered glass / 3.2mm
Cell (Quantity/Type/Dimensions)	182*91 Mono
No. of Cells	72(4*18)
Frame (Material)	Anodized Aluminium Alloy
Junction Box (Protection Degree)	IP65/IP67
Cable (Length/Cross-Sectional Area)	4mm² cable 90cm+mc4
Weight	13.95kg

PACKAGING SPECIFICATIONS

- 20FT container6Packages/444PCS
- 40HQ container13Packages/1040PCS



STC☀️Irradiance 1000W/m²🔌Cell Temperature 25 °CAM=1.5

NOCT☀️Irradiance 800W/m²🔌Ambient Temperature 20 °CAM=1.5

210M SPLIT CELL
290W-310W

- Outstanding mechanical load resistance**
2400 Pa wind load, 5400 Pa snow load
- PID
FREE

Anti-PID(potential induced degradation)
Passed anti-PID test under 85% damp heat, 85% relative humidity for 96 hours
- TÜV

Great Durability against extreme conditions
Passed salt mist corrosion test, ammonia corrosion test, dust&sand test, fire test, all certified by TÜV
- EL

Double electroluminescence (EL) tests
Carefully inspected before and after lamination to guarantee fault-free modules

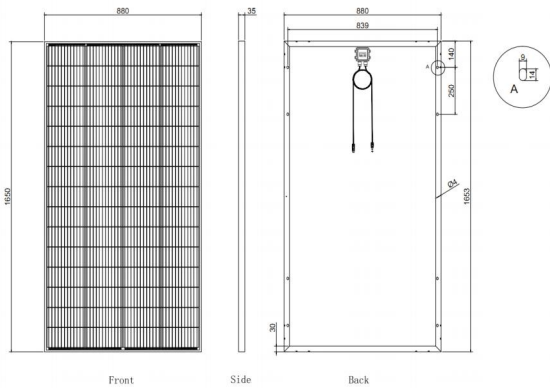


ELECTRICAL PERFORMANCE

Model Type	YH290W-30M	YH300W-30M	YH310W-30M
Dimensions (L / W / H)	1650*880*35	1650*880*35	1650*880*35
	STC	STC	STC
Peak Power at STC (Pmax)	290	300	310
Maximum Power Voltage (Vmp)	33.40V	33.93V	34.51V
Maximum Power Current (Imp)	8.69A	8.85A	8.99A
Open Circuit Voltage (Voc)	39.58	39.87	41.61
Short Circuit Current (Isc)	9.20	9.36	9.53
Module Efficiency(%)	19.97	20.66	21.35

THERMAL CHARACTERISTICS & OPERATING CONDITIONS

Maximum System Voltage(V)	1000V
Maximum Series Fuse Rating(A)	15A
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°C~+85°C

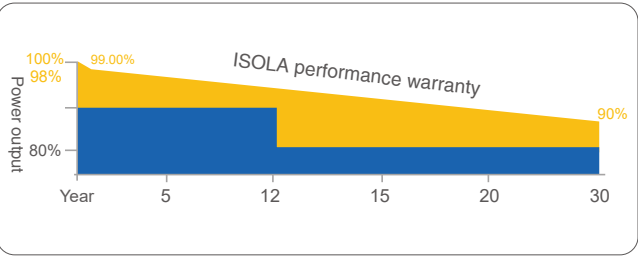


CONSTRUCTION MATERIALS

Front Cover (Material / Thickness)	low-iron tempered glass / 3.2mm
Cell (Quantity/Type/Dimensions)	210*105 Mono
No. of Cells	60(4*15)
Frame (Material)	Anodized Aluminium Alloy
Junction Box (Protection Degree)	IP65/IP67
Cable (Length/Cross-Sectional Area)	4mm² cable 90cm+mc4
Weight	15.25kg

PACKAGING SPECIFICATIONS

- 20FT container7Packages/448PCS
- 40HQ container14Packages/1064PCS



STC☀️Irradiance 1000W/m²🔌Cell Temperature 25 °CAM=1.5
NOCT☀️Irradiance 800W/m²🔌Ambient Temperature 20 °CAM=1.5

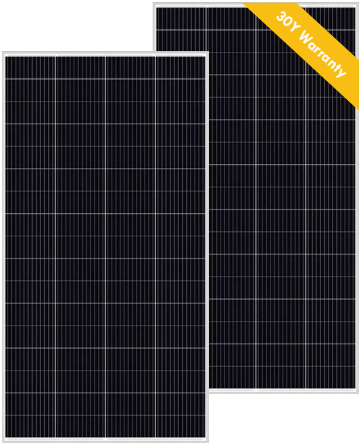
210M SPLIT CELL
320W-340W

- Outstanding mechanical load resistance**
2400 Pa wind load, 5400 Pa snow load
- PID
FREE

Anti-PID(potential induced degradation)
Passed anti-PID test under 85% damp heat, 85% relative humidity for 96 hours
- TÜV

Great Durability against extreme conditions
Passed salt mist corrosion test, ammonia corrosion test, dust&sand test, fire test, all certified by TÜV
- EL

Double electroluminescence (EL) tests
Carefully inspected before and after lamination to guarantee fault-free modules

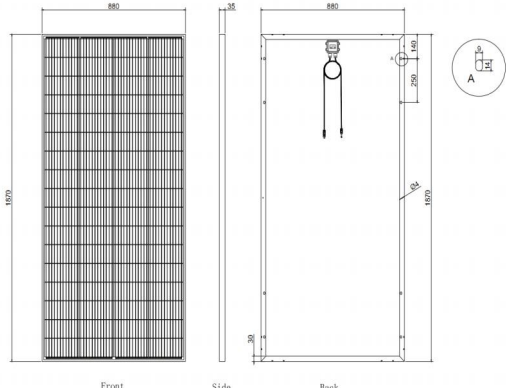


ELECTRICAL PERFORMANCE

Model Type	YH320W-34M	YH330W-34M	YH340W-34M
Dimensions (L / W / H)	1870*880*35	1870*880*35	1870*880*35
	STC	STC	STC
Peak Power at STC (Pmax)	320	330	340
Maximum Power Voltage (Vmp)	36.22V	36.67V	37.30V
Maximum Power Current (Imp)	8.84A	9.01A	9.12A
Open Circuit Voltage (Voc)	42.91	43.44	43.83
Short Circuit Current (Isc)	9.36	9.54	9.62
Module Efficiency(%)	19.45	20.05	20.66

THERMAL CHARACTERISTICS & OPERATING CONDITIONS

Maximum System Voltage(V)	1500V
Maximum Series Fuse Rating(A)	20A
Power Tolerance	0~+3%
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°C~+85°C

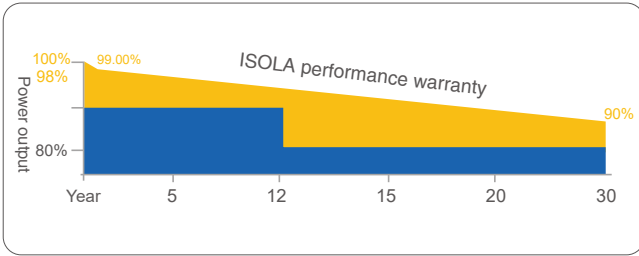


CONSTRUCTION MATERIALS

Front Cover (Material / Thickness)	low-iron tempered glass / 3.2mm
Cell (Quantity/Type/Dimensions)	210*105 Mono
No. of Cells	68(4*17)
Frame (Material)	Anodized Aluminium Alloy
Junction Box (Protection Degree)	IP65/IP67
Cable (Length/Cross-Sectional Area)	4mm² cable 90cm+mc4
Weight	17.28kg

PACKAGING SPECIFICATIONS

- 20FT container6Packages/408PCS
- 40HQ container12Packages/912PCS



STC☀️Irradiance 1000W/m²🔌Cell Temperature 25 °CAM=1.5
NOCT☀️Irradiance 800W/m²🔌Ambient Temperature 20 °CAM=1.5

210M SPLIT CELL
350W-370W

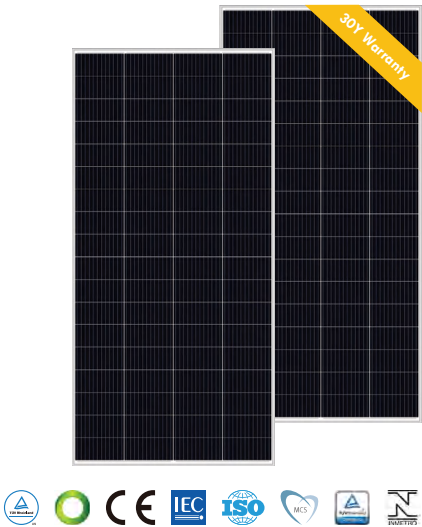
- ⌚

Outstanding mechanical load resistance
2400 Pa wind load, 5400 Pa snow load
- PID
FREE

Anti-PID(potential induced degradation)
Passed anti-PID test under 85% damp heat, 85% relative humidity for 96 hours
- TÜV

Great Durability against extreme conditions
Passed salt mist corrosion test, ammonia corrosion test, dust&sand test, fire test, all certified by TÜV
- EL

Double electroluminescence (EL) tests
Carefully inspected before and after lamination to guarantee fault-free modules



ELECTRICAL PERFORMANCE

Model Type	YH350W-36M	YH360W-36M	YH370W-36M
Dimensions (L / W / H)	1980*880*35	1980*880*35	1980*880*35
	STC	STC	STC
Peak Power at STC (Pmax)	350	360	370
Maximum Power Voltage (Vmp)	40.09V	40.72V	41.20V
Maximum Power Current (Imp)	8.74A	8.85A	8.99A
Open Circuit Voltage (Voc)	47.49	47.85	48.18
Short Circuit Current (Isc)	9.26	9.36	9.47
Module Efficiency(%)	20.09	20.66	21.24

THERMAL CHARACTERISTICS & OPERATING CONDITIONS

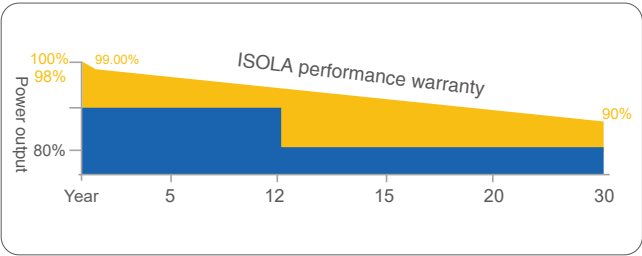
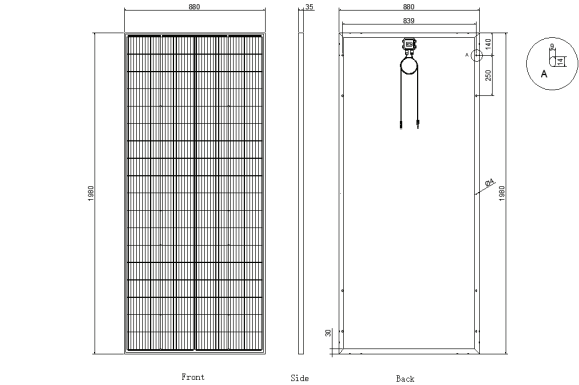
Maximum System Voltage(V)	1500V
Maximum Series Fuse Rating(A)	20A
Power Tolerance	0~+3W
Pmax Temperature Coefficients(W/°C)	-0.350%
Voc Temperature Coefficients(V/°C)	-0.270%
Isc Temperature Coefficients(A/°C)	+0.048%
NOCT Nominal Operating Cell Temperature(°C)	45±2°C
Operating and Storage Temperature(°C)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

CONSTRUCTION MATERIALS

Front Cover (Material / Thickness)	low-iron tempered glass / 3.2mm
Cell (Quantity/Type/Dimensions)	210*105 Mono
No. of Cells	72(4*18)
Frame (Material)	Anodized Aluminium Alloy
Junction Box (Protection Degree)	IP67/IP68
Cable (Length/Cross-Sectional Area)	4mm² cable 90cm+mc4
Weight	18.30kg

PACKAGING SPECIFICATIONS

- 20FT container6Packages/374PCS
- 40HQ container11Packages/866PCS



166M HALF CELL
370W-380W

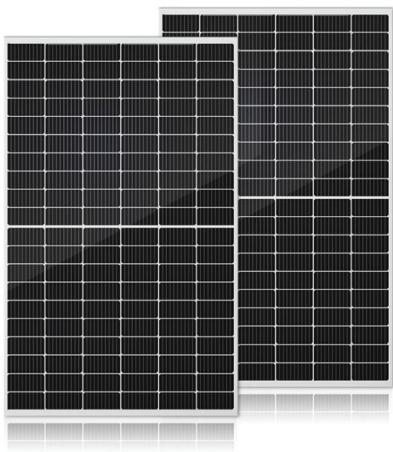
- ⌚

Outstanding mechanical load resistance
2400 Pa wind load, 5400 Pa snow load
- PID
FREE

Anti-PID(potential induced degradation)
Passed anti-PID test under 85% damp heat, 85% relative humidity for 96 hours
- TÜV

Great Durability against extreme conditions
Passed salt mist corrosion test, ammonia corrosion test, dust&sand test, fire test, all certified by TÜV
- EL

Double electroluminescence (EL) tests
Carefully inspected before and after lamination to guarantee fault-free modules



ELECTRICAL PERFORMANCE

Model Type	YH370W-30MH	YH380W-30MH
Dimensions (L / W / H)	1755*1038*30	1755*1038*30
	STC	NOCT
Peak Power at STC (Pmax)	370	276
Maximum Power Voltage (Vmp)	34.40V	32.00V
Maximum Power Current (Imp)	10.76A	8.63A
Open Circuit Voltage (Voc)	40.9±3%	38.3±3%
Short Circuit Current (Isc)	11.52±3%	9.32±3%
Module Efficiency(%)	20.31	20.86

THERMAL CHARACTERISTICS & OPERATING CONDITIONS

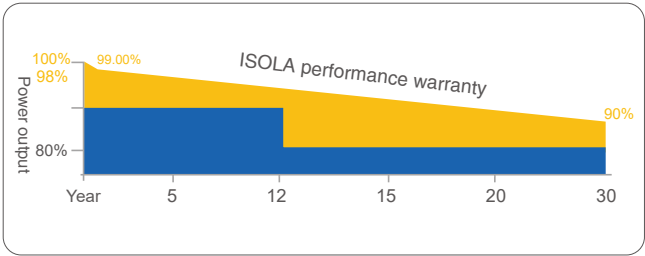
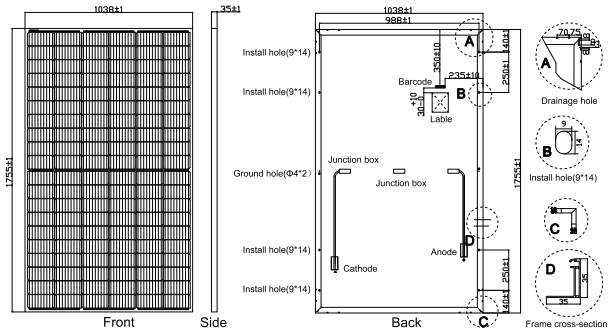
Maximum System Voltage(V)	1500/1000V
Maximum Series Fuse Rating(A)	20A
Power Tolerance	0~+3W
Pmax Temperature Coefficients(W/°C)	-0.400%
Voc Temperature Coefficients(V/°C)	-0.290%
Isc Temperature Coefficients(A/°C)	+0.048%
NOCT Nominal Operating Cell Temperature(°C)	45±2°C
Operating and Storage Temperature(°C)	-40°C~+85°C

CONSTRUCTION MATERIALS

Front Cover (Material / Thickness)	low-iron tempered glass / 3.2mm
Cell (Quantity/Type/Dimensions)	166*83 Mono
No. of Cells	120(6*10)*2
Frame (Material)	Anodized Aluminium Alloy
Junction Box (Protection Degree)	IP67/IP68
Cable (Length/Cross-Sectional Area)	4mm² cable 30cm+MC4
Weight	19.00kg

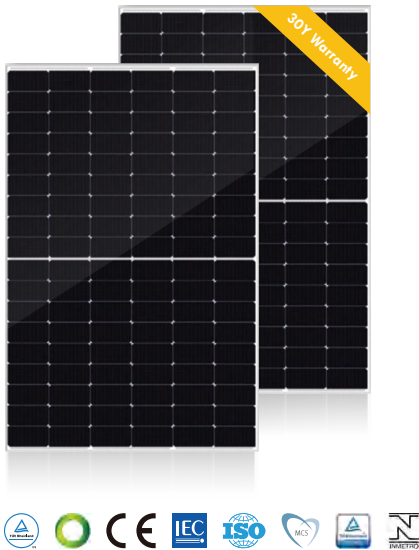
PACKAGING SPECIFICATIONS FOR 2 THICKNESS

- 1755*1038*30mm20FT container6Packages/396PCS
- 1755*1038*35mm40HQ container13Packages/988PCS



182M HALF CELL
390W-410W

- Outstanding mechanical load resistance**
2400 Pa wind load, 5400 Pa snow load
- Anti-PID(potential induced degradation)**
Passed anti-PID test under 85% damp heat, 85% relative humidity for 96 hours
- Great Durability against extreme conditions**
Passed salt mist corrosion test, ammonia corrosion test, dust&sand test, fire test, all certified by TUV
- Double electroluminescence (EL) tests**
Carefully inspected before and after lamination to guarantee fault-free modules



ELECTRICAL PERFORMANCE

Model Type	YH390W-27MH		YH400W-27MH		YH405W-27MH		YH410W-27MH	
Dimensions (L / W / H)	1722*1134*30		1722*1134*30		1722*1134*30		1722*1134*30	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Peak Power at STC (Pmax)	390	290	400	297.4	405	301.1	410	304.8
Maximum Power Voltage (Vmp)	30.82V	28.56V	31.14V	28.88V	31.30V	29.04V	31.46V	29.20V
Maximum Power Current (Imp)	12.66A	10.16A	12.85A	10.30A	12.94A	10.37A	13.04A	10.44A
Open Circuit Voltage (Voc)	36.65±3%	34.33±3%	37.05±3%	34.69±3%	37.25±3%	34.87±3%	37.45±3%	35.05±3%
Short Circuit Current (Isc)	13.49±3%	10.84±3%	13.67±3%	11.00±3%	13.76±3%	11.08±3%	13.85±3%	11.16±3%
Module Efficiency(%)	19.97		20.48		20.74		20.99	

THERMAL CHARACTERISTICS & OPERATING CONDITIONS

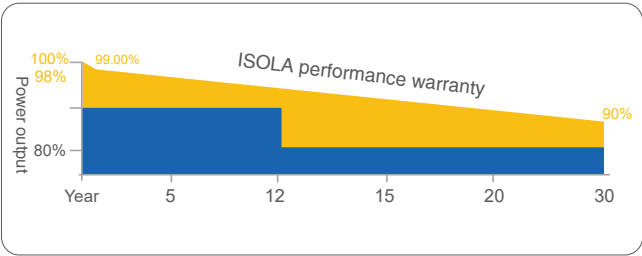
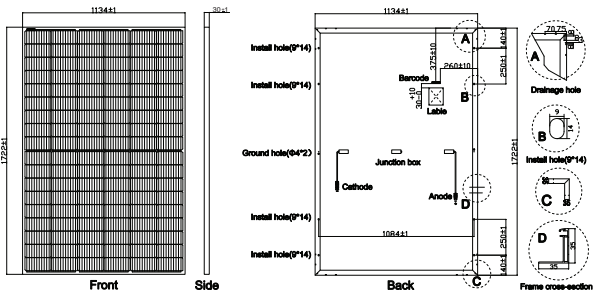
Maximum System Voltage(V)	1500/1000V
Maximum Series Fuse Rating(A)	25A
Power Tolerance	0~+3W
Pmax Temperature Coefficients(W/°C)	-0.350%
Voc Temperature Coefficients(V/°C)	-0.285%
Isc Temperature Coefficients(A/°C)	+0.045%
NOCT Nominal Operating Cell Temperature(°C)	45±2°C
Operating and Storage Temperature(°C)	-40°C~+85°C

CONSTRUCTION MATERIALS

Front Cover (Material / Thickness)	low-iron tempered glass / 3.2mm
Cell (Quantity/Type/Dimensions)	182*91 Mono
No. of Cells	108(6*9)*2
Frame (Material)	Anodized Aluminium Alloy
Junction Box (Protection Degree)	IP67/IP68
Cable (Length/Cross-Sectional Area)	4mm² cable 30cm+mc4
Weight	19.00kg

PACKAGING SPECIFICATIONS FOR 2 THICKNESS

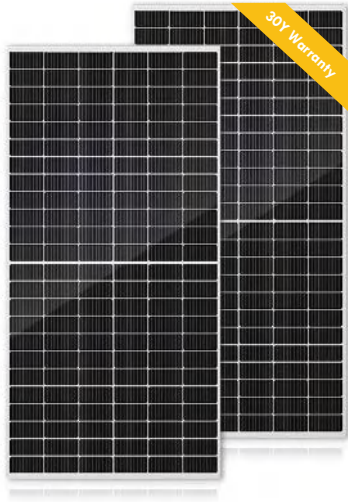
	20FT container	40HQ container
■ 1722*1134*30mm	6Packages/378PCS	13Packages/936PCS
■ 1722*1134*35mm	6Packages/330PCS	13Packages/806PCS



STC Irradiance 1000W/m² Cell Temperature 25 °C AM=1.5
NOCT Irradiance 800W/m² Ambient Temperature 20 °C AM=1.5

166M HALF CELL
430W-460W

- Outstanding mechanical load resistance**
2400 Pa wind load, 5400 Pa snow load
- Anti-PID(potential induced degradation)**
Passed anti-PID test under 85% damp heat, 85% relative humidity for 96 hours
- Great Durability against extreme conditions**
Passed salt mist corrosion test, ammonia corrosion test, dust&sand test, fire test, all certified by TUV
- Double electroluminescence (EL) tests**
Carefully inspected before and after lamination to guarantee fault-free modules



ELECTRICAL PERFORMANCE

Model Type	YH430W-36MH		YH440W-36MH		YH450W-36MH		YH460W-36MH	
Dimensions (L / W / H)	2094*1038*30		2094*1038*30		2094*1038*30		2094*1038*30	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Peak Power at STC (Pmax)	430	321	440	329	450	336	460	343
Maximum Power Voltage (Vmp)	40.7V	37.9V	41.1V	38.3V	41.5V	38.6V	41.9V	39.0V
Maximum Power Current (Imp)	10.57A	8.47A	10.71A	8.6A	10.85A	8.7A	10.99A	8.8A
Open Circuit Voltage (Voc)	48.5±3%	45.5±3%	48.9±3%	45.8±3%	49.3±3%	46.2±3%	49.7±3%	46.6±3%
Short Circuit Current (Isc)	11.31±3%	9.15±3%	11.46±3%	9.27±3%	11.6±3%	9.38±3%	11.72±3%	9.48±3%
Module Efficiency(%)	19.78		20.24		20.7		21.16	

THERMAL CHARACTERISTICS & OPERATING CONDITIONS

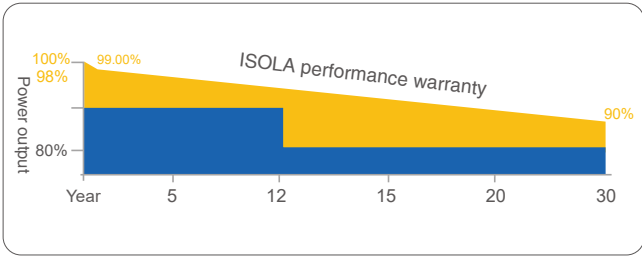
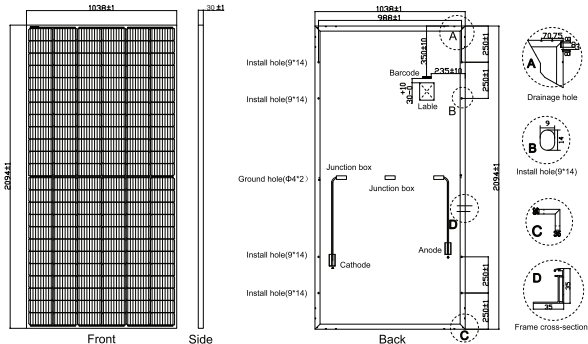
Maximum System Voltage(V)	1500V
Maximum Series Fuse Rating(A)	20A
Power Tolerance	0~+3W
Pmax Temperature Coefficients(W/°C)	-0.350%
Voc Temperature Coefficients(V/°C)	-0.270%
Isc Temperature Coefficients(A/°C)	+0.048%
NOCT Nominal Operating Cell Temperature(°C)	45±2°C
Operating and Storage Temperature(°C)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

CONSTRUCTION MATERIALS

Front Cover (Material / Thickness)	low-iron tempered glass / 3.2mm
Cell (Quantity/Type/Dimensions)	166*83 Mono
No. of Cells	144 (6*12)*2
Frame (Material)	Anodized Aluminium Alloy
Junction Box (Protection Degree)	IP67/IP68
Cable (Length/Cross-Sectional Area)	4mm² cable 30cm+mc4
Weight	22.00kg

PACKAGING SPECIFICATIONS FOR 2 THICKNESS

	20FT container	40HQ container
■ 2094*1038*30mm	5Packages/330PCS	11Packages/836PCS
■ 2094*1038*35mm	5Packages/285PCS	11Packages/726PCS



STC Irradiance 1000W/m² Cell Temperature 25 °C AM=1.5
NOCT Irradiance 800W/m² Ambient Temperature 20 °C AM= 1.5



APPLICATION
DIAGRAM

182M HALF CELL
535W-550W

- Outstanding mechanical load resistance**
2400 Pa wind load, 5400 Pa snow load
- Anti-PID(potential induced degradation)**
Passed anti-PID test under 85% damp heat, 85% relative humidity for 96 hours
- Great Durability against extreme conditions**
Passed salt mist corrosion test, ammonia corrosion test, dust&sand test, fire test, all certified by TUV
- Double electroluminescence (EL) tests**
Carefully inspected before and after lamination to guarantee fault-free modules

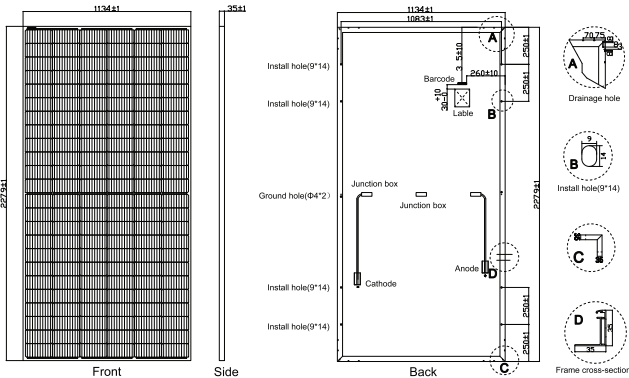


ELECTRICAL PERFORMANCE

Model Type	YH535W-36MH		YH540W-36MH		YH545W-36MH		YH550W-36MH	
Dimensions (L / W / H)	2279*1134*35		2279*1134*35		2279*1134*35		2279*1134*35	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Peak Power at STC (Pmax)	535	397.7	540	401.4	545	405.1	550	408
Maximum Power Voltage (Vmp)	41.62V	38.62V	41.77V	38.78V	41.93V	38.93V	42.13V	39.09V
Maximum Power Current (Imp)	12.86A	10.3A	12.94A	10.35A	13.0A	10.41A	13.06A	10.46A
Open Circuit Voltage (Voc)	49.5±3%	46.36±3%	49.7±3%	46.54±3%	49.9±3%	46.73±3%	50.1±3%	46.92±3%
Short Circuit Current (Isc)	13.61±3%	10.97±3%	13.72±3%	11.05±3%	13.81±3%	11.13±3%	13.9±3%	11.2±3%
Module Efficiency(%)	20.70		20.89		21.09		21.28	

THERMAL CHARACTERISTICS & OPERATING CONDITIONS

Maximum System Voltage(V)	1500V
Maximum Series Fuse Rating(A)	25A
Power Tolerance	0~+3W
Pmax Temperature Coefficients(W/°C)	-0.350%
Voc Temperature Coefficients(V/°C)	-0.250%
Isc Temperature Coefficients(A/°C)	+0.04%
NOCT Nominal Operating Cell Temperature(°C)	45±2°C
Operating and Storage Temperature(°C)	-40°C~+85°C



CONSTRUCTION MATERIALS

Front Cover (Material / Thickness)	low-iron tempered glass / 3.2mm
Cell (Quantity/Type/Dimensions)	182*91 Mono
No. of Cells	144 (6*12)*2
Frame (Material)	Anodized Aluminium Alloy
Junction Box (Protection Degree)	IP67/IP68
Cable (Length/Cross-Sectional Area)	4mm² cable 30cm+mc4
Weight	27.00kg

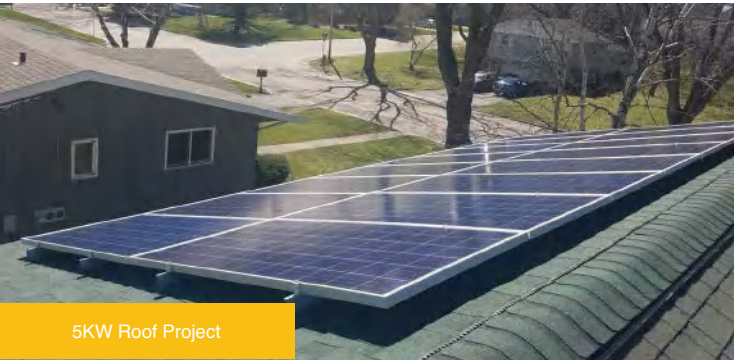
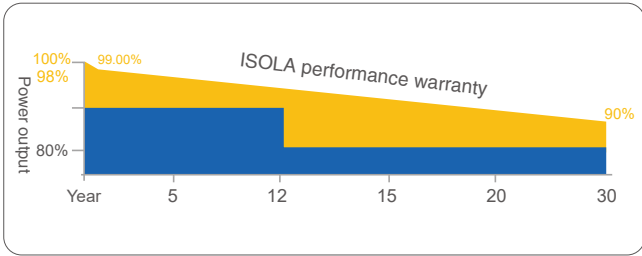
PACKAGING SPECIFICATIONS

- 2279*1134*30mm
- 2279*1134*35mm
- 20FT container

5Packages/315PCS
- 40HQ container

10Packages/720PCS
- 5Packages/275PCS

10Packages/620PCS



5KW Roof Project



Solar Bicycle



Solar-Powered Pumps



Solar Street Lights



Color Steel Tile
530KW Solar Power Project

Fenghua District



Rooftop Installation
10KWS olar Project

Netherlands



Flat Cement Floor
3MW Solar Plant

Ningbo City



Ground Installation
5MW Solar Plant

Qinghai Province