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Ipvisola 

PROFESSIONAL SOLAR PV MODULE MANUFACTURER

Ipvisola 

ZHEJIANG ISOLA NEW ENERGY CO.,LTD

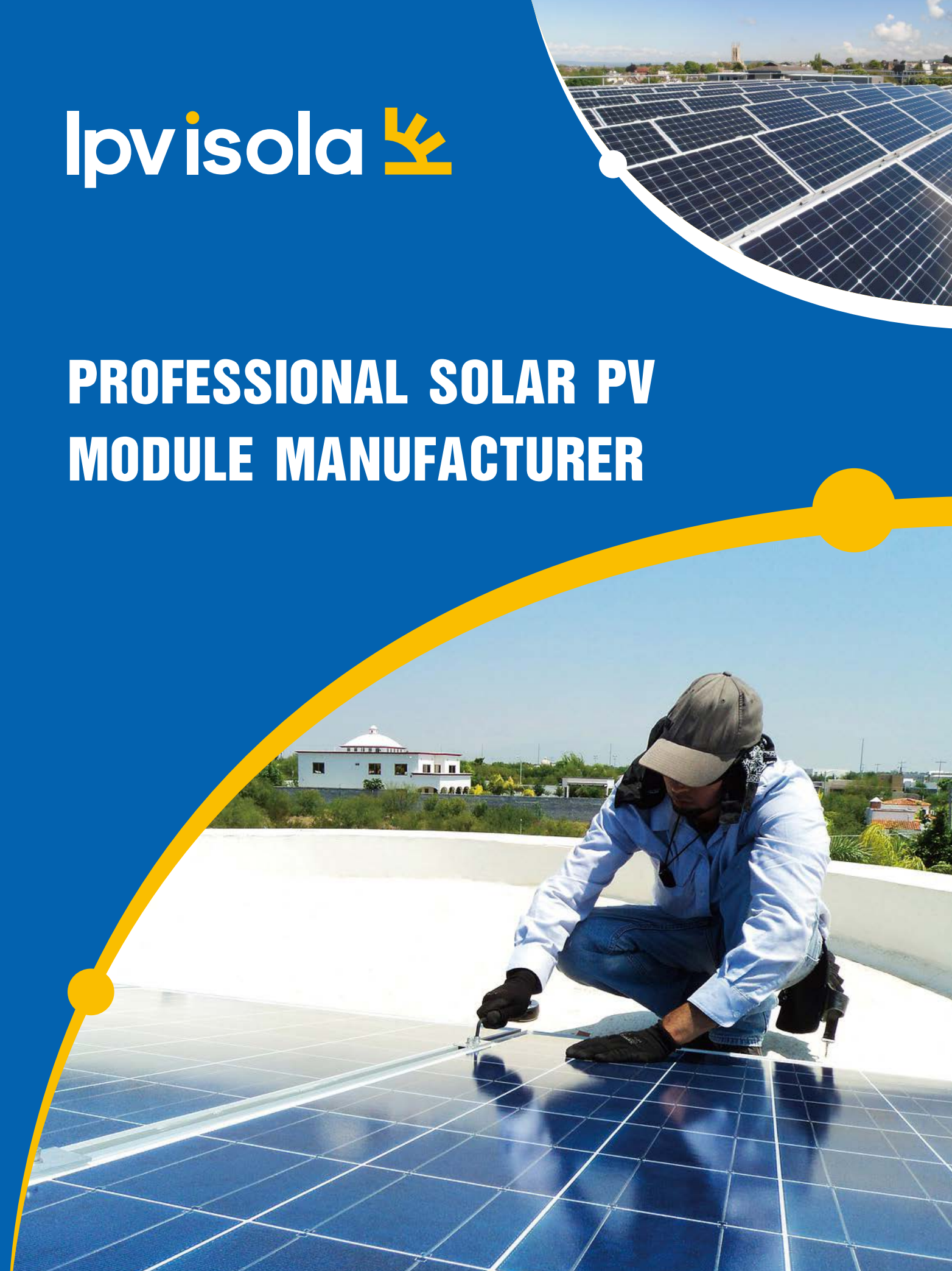
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ABOUT ISOLA

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 400MW for solar cells, 450MW for solar panels. Our subordinate branches and representative offices are located in more than 10 countries, like Germany, Denmark, Netherlands, Bangladesh, Burma, 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.

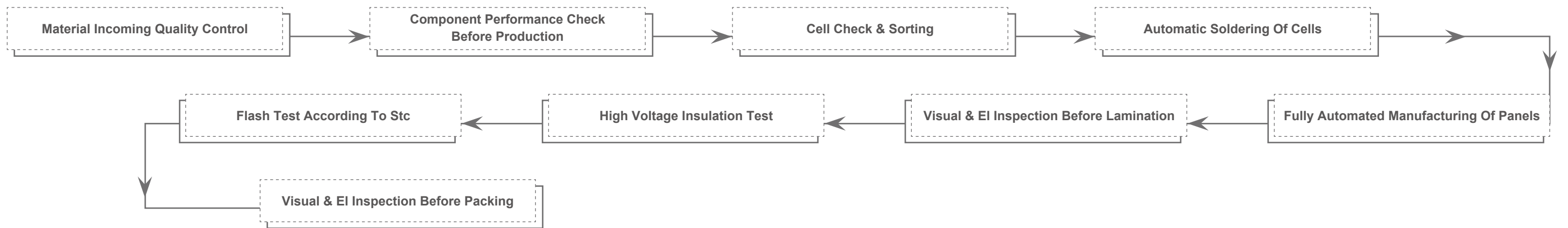
Certification

- ISO9001, ISO14001, OHSAS18001 system
- Germany Nord Laboratory which is highest standard in EU Market
- CEC certificate for electrical and mechanical products approved by Australia
- MCS 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

IP 67 protection grade
High quality diodes for electric safety
1500V system voltage available

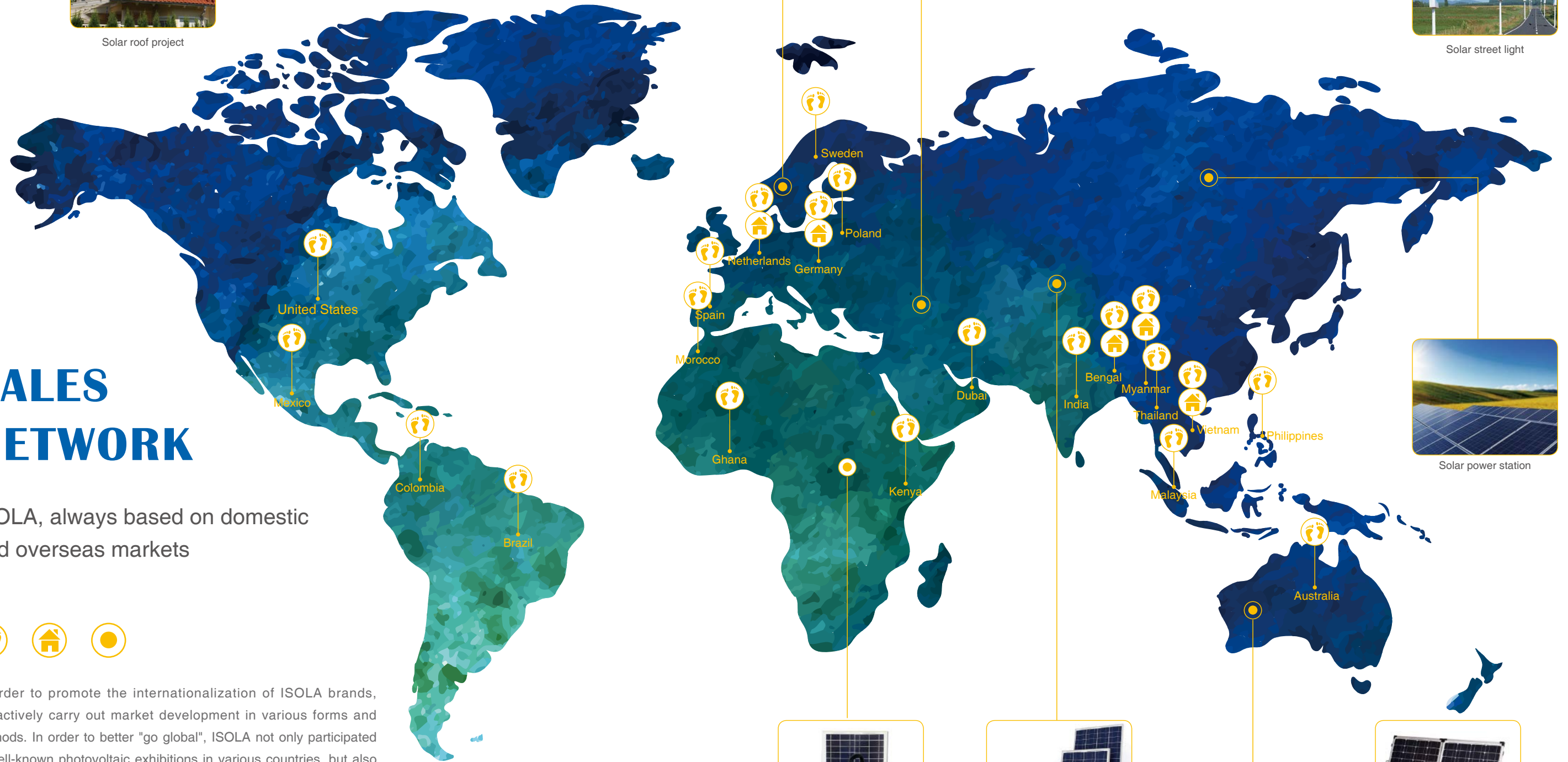




Solar roof project



Solar street light



Solar power station

SALES NETWORK

ISOLA, always based on domestic and overseas markets



In order to promote the internationalization of ISOLA 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.



Off grid solar home system



Solar panels 3-400W Poly and Mono



Folding panels



YH5W-18M



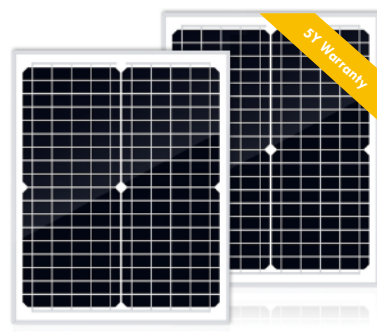
ELECTRICAL DATA(STC)			
Model Type	YH5W-18M		
Peak Power(Pmax)	5		
Maximum Power Voltage(Vmp)	18.31		
Maximum Power Current(Imp)	0.28		
Open Circuit Voltage(Voc)	22.43		
Short Circuit Current(Isc)	0.31		
Module Efficiency(%)	10.74		
Output cables	Without cables and connector		
Packing : 5pcs/box			
Cell Type	No. of Cells	Dimensions	Weight
39*19.5 Mono	36(4*9)	245*190*17mm	0.5kg

YH10W-18M



ELECTRICAL DATA(STC)			
Model Type	YH10W-18M		
Peak Power(Pmax)	10		
Maximum Power Voltage(Vmp)	18.27		
Maximum Power Current(Imp)	0.55		
Open Circuit Voltage(Voc)	21.93		
Short Circuit Current(Isc)	0.59		
Module Efficiency(%)	10.24		
Output cables	Without cables and connector		
Packing : 5pcs/box			
Cell Type	No. of Cells	Dimensions	Weight
78*22.31 Mono	36(4*9)	275*355*17mm	1.1kg

YH20W-18M



ELECTRICAL DATA(STC)			
Model Type	YH20W-18M		
Peak Power(Pmax)	20		
Maximum Power Voltage(Vmp)	18.46		
Maximum Power Current(Imp)	1.09		
Open Circuit Voltage(Voc)	22.61		
Short Circuit Current(Isc)	1.19		
Module Efficiency(%)	12.99		
Output cables	Without cables and connector		
Packing : 5pcs/box			
Cell Type	No. of Cells	Dimensions	Weight
156.75*19.5 Mono	36(2*18)	440*350*25mm	1.8kg



Please Scan Code

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

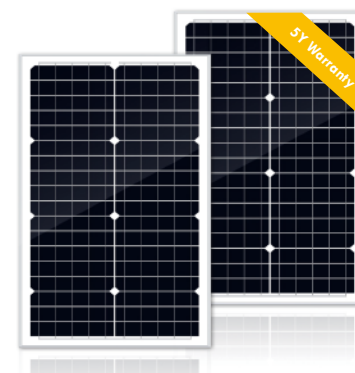


YH30W-18M



ELECTRICAL DATA(STC)			
Model Type	YH30W-18M		
Peak Power(Pmax)	30		
Maximum Power Voltage(Vmp)	18.67		
Maximum Power Current(Imp)	1.61		
Open Circuit Voltage(Voc)	22.87		
Short Circuit Current(Isc)	1.76		
Module Efficiency(%)	15.31		
Output cables	Without cables and connector		
Packing : 5pcs/box			
Cell Type	No. of Cells	Dimensions	Weight
156*26.125 Mono	36(2*18)	560*350*25mm	2.5kg

YH40W-18M



ELECTRICAL DATA(STC)			
Model Type	YH40W-18M		
Peak Power(Pmax)	40		
Maximum Power Voltage(Vmp)	18.33		
Maximum Power Current(Imp)	2.19		
Open Circuit Voltage(Voc)	22.45		
Short Circuit Current(Isc)	2.45		
Module Efficiency(%)	17.06		
Output cables	Without cables and connector		
Packing : 5pcs/box			
Cell Type	No. of Cells	Dimensions	Weight
156*31.2 Mono	36(2*18)	670*350*25mm	2.98kg

YH50W-18M



ELECTRICAL DATA(STC)			
Model Type	YH50W-18M		
Peak Power(Pmax)	50		
Maximum Power Voltage(Vmp)	18.77		
Maximum Power Current(Imp)	2.94		
Open Circuit Voltage(Voc)	22.99		
Short Circuit Current(Isc)	3.22		
Module Efficiency(%)	13.74		
Output cables	Without cables and connector		
Packing : 5pcs/box			
Cell Type	No. of Cells	Dimensions	Weight
156.75*52.25 Mono	36(4*9)	545*668*30mm	3.8kg



Please Scan Code

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



YH60W-18M



ELECTRICAL DATA(STC)			
Model Type	YH60W-18M		
Peak Power(Pmax)	60		
Maximum Power Voltage(Vmp)	19.4		
Maximum Power Current(Imp)	3.09		
Open Circuit Voltage(Voc)	23.77		
Short Circuit Current(Isc)	3.37		
Module Efficiency(%)	16.48		
Output cables	Without cables and connector		
Packing: 2pcs/box			
Cell Type	No. of Cells	Dimensions	Weight
156.75*52.25 Mono	36(4*9)	545*668*30mm	3.8kg

YH80W-18M



ELECTRICAL DATA(STC)			
Model Type	YH80W-18M		
Peak Power(Pmax)	80		
Maximum Power Voltage(Vmp)	18.49		
Maximum Power Current(Imp)	4.33		
Open Circuit Voltage(Voc)	22.19		
Short Circuit Current(Isc)	4.59		
Module Efficiency(%)	17.11		
Output cables	2.5mm ² cable 50cm+mc4		
Packing: 2pcs/box			
Cell Type	No. of Cells	Dimensions	Weight
156.75*70 Mono	36(4*9)	700*668*30mm	5.5kg

YH65W-18M



ELECTRICAL DATA(STC)			
Model Type	YH65W-18M		
Peak Power(Pmax)	65		
Maximum Power Voltage(Vmp)	18.60		
Maximum Power Current(Imp)	3.50		
Open Circuit Voltage(Voc)	22.32		
Short Circuit Current(Isc)	3.71		
Module Efficiency(%)	15.20		
Output cables	2.5mm ² cable 50cm+mc4		
Packing: 2pcs/box			
Cell Type	No. of Cells	Dimensions	Weight
156.75*63 Mono	36(4x9)	640*668*30mm	4.6kg

YH90W-18M



ELECTRICAL DATA(STC)			
Model Type	YH90W-18M		
Peak Power(Pmax)	90		
Maximum Power Voltage(Vmp)	19.4		
Maximum Power Current(Imp)	4.64		
Open Circuit Voltage(Voc)	23.77		
Short Circuit Current(Isc)	5.08		
Module Efficiency(%)	17.50		
Output cables	2.5mm ² cable 50cm+mc4		
Packing: 2pcs/box			
Cell Type	No. of Cells	Dimensions	Weight
156.75*78 Mono	36(4*9)	770*668*30mm	5.5kg

YH70W-18M



ELECTRICAL DATA(STC)			
Model Type	YH70W-18M		
Peak Power(Pmax)	70		
Maximum Power Voltage(Vmp)	19.11		
Maximum Power Current(Imp)	3.67		
Open Circuit Voltage(Voc)	23.41		
Short Circuit Current(Isc)	4.02		
Module Efficiency(%)	16.37		
Output cables	2.5mm ² cable 50cm+mc4		
Packing: 2pcs/box			
Cell Type	No. of Cells	Dimensions	Weight
156.75*63 Mono	36(4*9)	640*668*30mm	4.6kg

YH100W-18M



ELECTRICAL DATA(STC)			
Model Type	YH100W-18M		
Peak Power(Pmax)	100		
Maximum Power Voltage(Vmp)	18.78		
Maximum Power Current(Imp)	5.32		
Open Circuit Voltage(Voc)	22.64		
Short Circuit Current(Isc)	5.70		
Module Efficiency(%)	16.63		
Output cables	2.5mm ² cable 50cm+mc4		
Packing: 2pcs/box			
Cell Type	No. of Cells	Dimensions	Weight
156.75*93 Mono	36(4*9)	905*668*30mm	6.4kg



Please Scan Code

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

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



Please Scan Code



YH110W-18M



ELECTRICAL DATA(STC)			
Model Type	YH110W-18M		
Peak Power(Pmax)	110		
Maximum Power Voltage(Vmp)	19.3		
Maximum Power Current(Imp)	5.7		
Open Circuit Voltage(Voc)	23.25		
Short Circuit Current(Isc)	6.13		
Module Efficiency(%)	18.2		
Output cables	2.5mm ² cable 50cm+mc4		
Packing: 2pcs/box			
Cell Type	No. of Cells	Dimensions	Weight
156.75x93 Mono	36(4*9)	905*668*35mm	6.4kg

YH140W-18M



ELECTRICAL DATA(STC)			
Model Type	YH140W-18M		
Peak Power(Pmax)	140		
Maximum Power Voltage(Vmp)	18.46		
Maximum Power Current(Imp)	7.58		
Open Circuit Voltage(Voc)	22.11		
Short Circuit Current(Isc)	8.11		
Module Efficiency(%)	17.04		
Output cables	2.5mm ² cable 50cm+mc4		
Packing: 2pcs/box			
Cell Type	No. of Cells	Dimensions	Weight
156.75*130 Mono	36(4*9)	1230*668*30mm	8.9kg

YH120W-18M



ELECTRICAL DATA(STC)			
Model Type	YH120W-18M		
Peak Power(Pmax)	120		
Maximum Power Voltage(Vmp)	19.49		
Maximum Power Current(Imp)	6.16		
Open Circuit Voltage(Voc)	23.48		
Short Circuit Current(Isc)	6.63		
Module Efficiency(%)	17.88		
Output cables	2.5mm ² cable 50cm+mc4		
Packing: 2pcs/box			
Cell Type	No. of Cells	Dimensions	Weight
156.75*104 Mono	36(4*9)	1005*668*30mm	7.1kg

YH150W-18M



ELECTRICAL DATA(STC)			
Model Type	YH150W-18M		
Peak Power(Pmax)	150		
Maximum Power Voltage(Vmp)	18.99		
Maximum Power Current(Imp)	7.90		
Open Circuit Voltage(Voc)	22.42		
Short Circuit Current(Isc)	8.45		
Module Efficiency(%)	18.26		
Output cables	2.5mm ² cable 50cm+mc4		
Packing: 2pcs/box			
Cell Type	No. of Cells	Dimensions	Weight
156.75*130 Mono	36(4*9)	1230*668*30mm	8.9kg

YH130W-18M



ELECTRICAL DATA(STC)			
Model Type	YH130W-18M		
Peak Power(Pmax)	130		
Maximum Power Voltage(Vmp)	19.58		
Maximum Power Current(Imp)	6.64		
Open Circuit Voltage(Voc)	23.59		
Short Circuit Current(Isc)	7.15		
Module Efficiency(%)	17.22		
Output cables	2.5mm ² cable 50cm+mc4		
Packing: 2pcs/box			
Cell Type	No. of Cells	Dimensions	Weight
156.75*117 Mono	36(4*9)	1130*668*30mm	8.9kg

YH155W-18M



ELECTRICAL DATA(STC)			
Model Type	YH155W-18M		
Peak Power(Pmax)	155		
Maximum Power Voltage(Vmp)	21.08		
Maximum Power Current(Imp)	7.72		
Open Circuit Voltage(Voc)	23.9		
Short Circuit Current(Isc)	8.16		
Module Efficiency(%)	18.86		
Output cables	2.5mm ² cable 50cm+mc4		
Packing: 2pcs/box			
Cell Type	No. of Cells	Dimensions	Weight
156.75*130 Mono	36(4*9)	1230*668*30mm	10.4kg



Please Scan Code

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

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



Please Scan Code



36M PERC

160W-190W

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

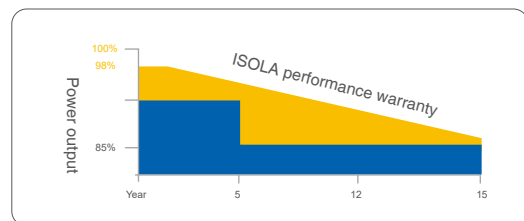
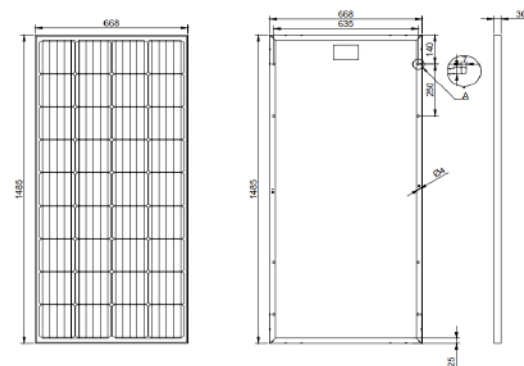


ELECTRICAL PERFORMANCE

Model Type	YH160W-18M		YH170W-18M		YH180W-18M		YH190W-18M	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Dimensions (L / W / H)	1485x668x30		1485x668x30		1485x668x30		1485x668x30	
Peak Power at STC (Pmax)	160	119	170	127	180	134	190	141
Maximum Power Voltage (Vmp)	18.44	17.24	19.23	17.69	20.05	18.44	20.46	18.81
Maximum Power Current (Imp)	8.68	6.91	8.87	7.18	9.05	7.27	9.29	7.50
Open Circuit Voltage (Voc)	22.59	21.12	22.42	20.64	23.22	21.52	24.01	21.94
Short Circuit Current (Isc)	9.50	7.57	9.39	7.59	9.40	7.68	9.76	7.92
Module Efficiency(%)	16.13		17.17		18.14		19.15	

THERMAL CHARACTERISTICS & OPERATING CONDITIONS

Maximum System Voltage(V)	1000V
Maximum Series Fuse Rating(A)	15
Power Tolerance	0~+3%
Pmax Temperature Coefficients(W/°C)	-0.360%
Voc Temperature Coefficients(V/°C)	-0.290%
Isc Temperature Coefficients(A/°C)	+0.048%
NOCT Nominal Operating Cell Temperature(°C)	45±2
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)	156.75*156.75 Mono
No. of Cells	36(4*9)
Frame (Material)	Anodized Aluminium Alloy
Junction Box (Protection Degree)	IP65/IP67
Cable (Length/Cross-Sectional Area)	2.5mm ² cable 50cm+mc4

PACKAGING SPECIFICATIONS

- 20FT container 7Packages/672PCS
- 40HQ container 15Packages/1590PCS



Please Scan Code

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



72M PERC

210W-220W

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

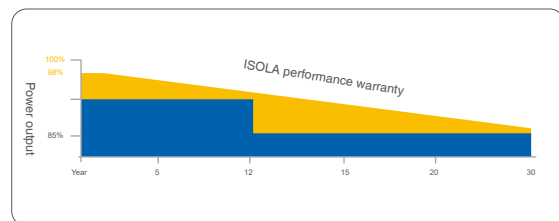
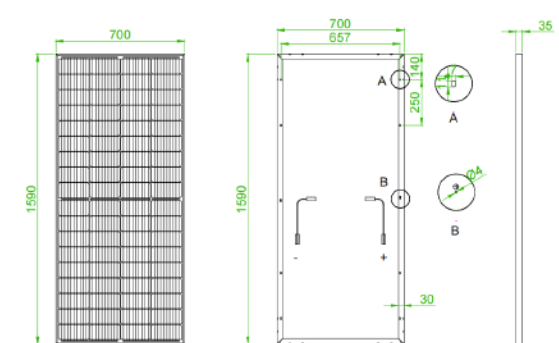


ELECTRICAL PERFORMANCE

Model Type	YH210W-18M		YH220W-18M	
	STC	NOCT	STC	NOCT
Dimensions (L / W / H)	1590x700x35		1590x700x35	
Peak Power at STC (Pmax)	210	158	220	165
Maximum Power Voltage (Vmp)	20.43	19.2	20.83	19.58
Maximum Power Current (Imp)	10.42	8.23	10.62	8.43
Open Circuit Voltage (Voc)	23.93	22.49	24.4	22.94
Short Circuit Current (Isc)	11.01	8.67	11.08	8.91
Module Efficiency(%)	18.87		19.77	

THERMAL CHARACTERISTICS & OPERATING CONDITIONS

Maximum System Voltage(V)	1000V
Maximum Series Fuse Rating(A)	20
Power Tolerance	0~+3%
Pmax Temperature Coefficients(W/°C)	-0.360%
Voc Temperature Coefficients(V/°C)	-0.290%
Isc Temperature Coefficients(A/°C)	+0.048%
NOCT Nominal Operating Cell Temperature(°C)	45±2
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*9)*2
Frame (Material)	Anodized Aluminium Alloy
Junction Box (Protection Degree)	IP65/IP67
Cable (Length/Cross-Sectional Area)	4mm ² cable 30cm+mc4

PACKAGING SPECIFICATIONS

- 20FT container 7 Packages/ 574Pcs
- 40HQ container 14 Packages/ 1260Pcs







Please Scan Code

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



48M PERC

230W-250W

-  **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

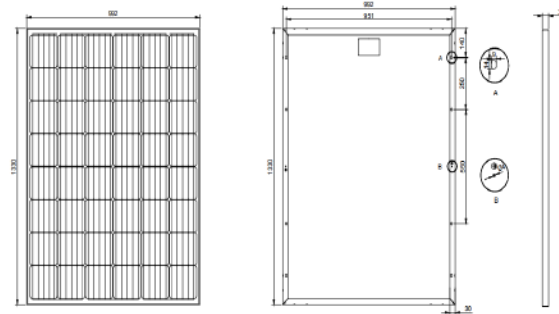


ELECTRICAL PERFORMANCE

Model Type	YH230W-24M		YH240W-24M		YH250W-24M	
Dimensions (L / W / H)	1330x992x35		1330x992x35		1330x992x35	
	STC	NOCT	STC	NOCT	STC	NOCT
Peak Power at STC (Pmax)	230	173	240	180	250	188
Maximum Power Voltage (Vmp)	25.79	23.72	26.35	24.24	26.91	24.75
Maximum Power Current (Imp)	8.92	7.29	9.2	7.43	9.34	7.6
Open Circuit Voltage (Voc)	30.2	27.78	30.87	26.39	31.52	28.99
Short Circuit Current (Isc)	9.37	7.7	9.72	7.85	9.84	8.03
Module Efficiency(%)	17.43		18.19		18.95	

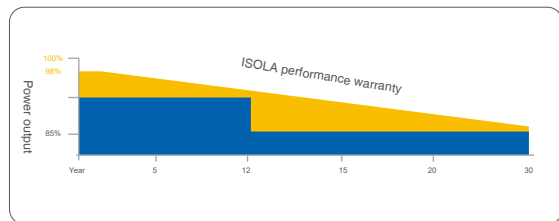
THERMAL CHARACTERISTICS & OPERATING CONDITIONS

Maximum System Voltage(V)	1000V
Maximum Series Fuse Rating(A)	15
Power Tolerance	0~+3%
Pmax Temperature Coefficients(W/°C)	-0.360%
Voc Temperature Coefficients(V/°C)	-0.290%
Isc Temperature Coefficients(A/°C)	+0.048%
NOCT Nominal Operating Cell Temperature(°C)	45±2
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)	156.75*156.75 Mono
No. of Cells	48(6*8)
Frame (Material)	Anodized Aluminium Alloy
Junction Box (Protection Degree)	IP65/IP67
Cable (Length/Cross-Sectional Area)	4mm² cable 90cm+mc4







PACKAGING SPECIFICATIONS

- 20FT container 16 Packages/ 496Pcs
- 40HQ container 34 Packages/ 1136Pcs







Please Scan Code

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



54M PERC

260W-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

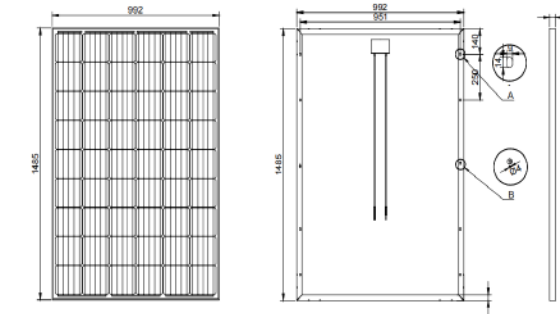


ELECTRICAL PERFORMANCE

Model Type	YH260W-27M		YH270W-27M		YH280W-27M	
Dimensions (L / W / H)	1485x992x35		1485x992x35		1485x992x35	
	STC	NOCT	STC	NOCT	STC	NOCT
Peak Power at STC (Pmax)	260	195	270	203	280	210
Maximum Power Voltage (Vmp)	28.77	26.47	29.38	27.03	30.18	27.76
Maximum Power Current (Imp)	9.04	7.37	9.19	7.51	9.28	7.56
Open Circuit Voltage (Voc)	33.7	31	34.4	31.66	35.35	32.52
Short Circuit Current (Isc)	9.55	7.79	9.71	7.94	9.81	7.99
Module Efficiency(%)	17.6		18.3		19.7	

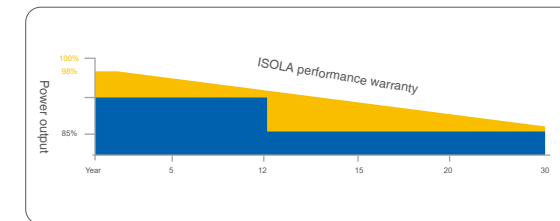
THERMAL CHARACTERISTICS & OPERATING CONDITIONS

Maximum System Voltage(V)	1000V
Maximum Series Fuse Rating(A)	15
Power Tolerance	0~+3%
Pmax Temperature Coefficients(W/°C)	-0.360%
Voc Temperature Coefficients(V/°C)	-0.290%
Isc Temperature Coefficients(A/°C)	+0.048%
NOCT Nominal Operating Cell Temperature(°C)	45±2
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)	156.75*156.75 Mono
No. of Cells	54(6*9)
Frame (Material)	Anodized Aluminium Alloy
Junction Box (Protection Degree)	IP65/IP67
Cable (Length/Cross-Sectional Area)	4mm² cable 90cm+mc4







PACKAGING SPECIFICATIONS

- 20FT container 14Packages/434PCS
- 40HQ container 28Packages/930PCS







Please Scan Code

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



60M PERC 290W-310W

-  **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

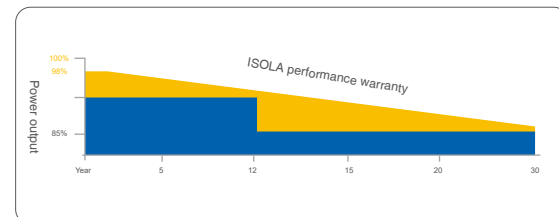
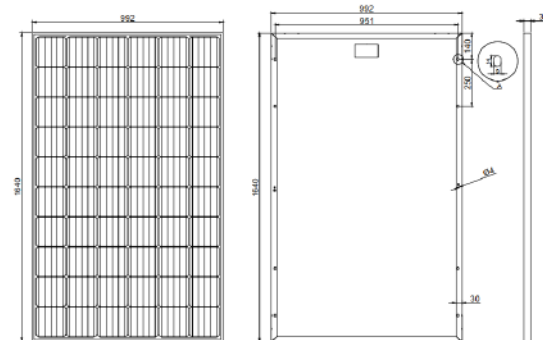


ELECTRICAL PERFORMANCE

Model Type	YH290W-30M		YH300W-30M		YH310W-30M	
Dimensions (L / W / H)	1640x992x35		1640x992x35		1640x992x35	
	STC	NOCT	STC	NOCT	STC	NOCT
Peak Power at STC (Pmax)	290	218	300	225	310	233
Maximum Power Voltage (Vmp)	30.95	28.47	32.62	30	33.48	30.8
Maximum Power Current (Imp)	9.37	7.66	9.198	7.5	9.26	7.56
Open Circuit Voltage (Voc)	36.83	34.16	38.21	35.14	39.22	36.08
Short Circuit Current (Isc)	9.93	8.12	9.72	7.92	9.78	7.99
Module Efficiency(%)	17.83		18.4		19.05	

THERMAL CHARACTERISTICS & OPERATING CONDITIONS

Maximum System Voltage(V)	1000V
Maximum Series Fuse Rating(A)	15
Power Tolerance	0~+3%
Pmax Temperature Coefficients(W/°C)	-0.360%
Voc Temperature Coefficients(V/°C)	-0.290%
Isc Temperature Coefficients(A/°C)	+0.048%
NOCT Nominal Operating Cell Temperature(°C)	45±2
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)	156.75*156.75 Mono
No. of Cells	60(6*10)
Frame (Material)	Anodized Aluminium Alloy
Junction Box (Protection Degree)	IP65/IP67
Cable (Length/Cross-Sectional Area)	4mm² cable 90cm+mc4

PACKAGING SPECIFICATIONS

- 20FT container 14 Packages/ 400Pcs
- 40HQ container 28 Packages/ 924Pcs







Please Scan Code

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



60M PERC 320W-330W

-  **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

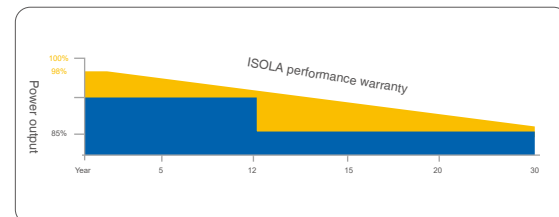
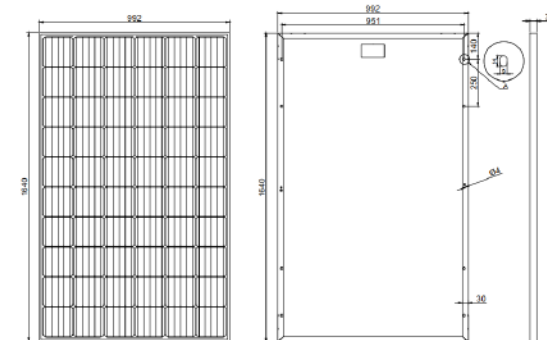


ELECTRICAL PERFORMANCE

Model Type	YH320W-30M		YH330W-30M	
Dimensions (L / W / H)	1640x992x35		1640x992x35	
	STC	NOCT	STC	NOCT
Peak Power at STC (Pmax)	290	240	330	245
Maximum Power Voltage (Vmp)	34.15	31.41	33.7	30.9
Maximum Power Current (Imp)	9.37	7.64	9.8	7.93
Open Circuit Voltage (Voc)	40	36.79	41.4	37.85
Short Circuit Current (Isc)	9.9	8.07	10.2	8.25
Module Efficiency(%)	19.7		20.08	

THERMAL CHARACTERISTICS & OPERATING CONDITIONS

Maximum System Voltage(V)	1000V
Maximum Series Fuse Rating(A)	15
Power Tolerance	0~+3%
Pmax Temperature Coefficients(W/°C)	-0.360%
Voc Temperature Coefficients(V/°C)	-0.290%
Isc Temperature Coefficients(A/°C)	+0.048%
NOCT Nominal Operating Cell Temperature(°C)	45±2
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)	158.75*158.75 Mono
No. of Cells	60(6*10)
Frame (Material)	Anodized Aluminium Alloy
Junction Box (Protection Degree)	IP65/IP67
Cable (Length/Cross-Sectional Area)	4mm² cable 90cm+mc4

PACKAGING SPECIFICATIONS

- 20FT container 14 Packages/ 400Pcs
- 40HQ container 28 Packages/ 924Pcs







Please Scan Code

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



72M PERC

340W-380W

-  **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

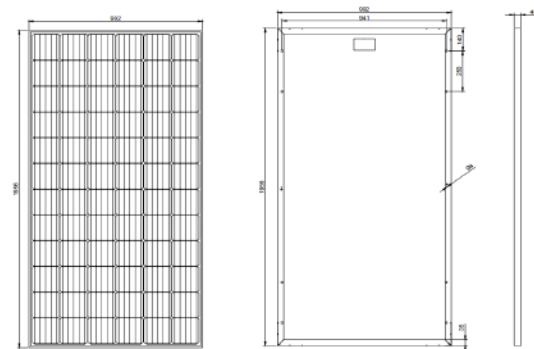


ELECTRICAL PERFORMANCE

Model Type	YH340W-36M		YH350W-36M		YH360W-36M		YH370W-36M		YH380W-36M	
Dimensions (L / W / H)	1956x992x40		1956x992x40		1956x992x40		1956x992x40		1956x992x40	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Peak Power at STC (Pmax)	340	255	350	262	360	270	370	278	380	285
Maximum Power Voltage (Vmp)	38.46	35.38	38.5	35.42	39.11	35.98	39.82	36.63	40.47	37.23
Maximum Power Current (Imp)	8.84	7.21	9.09	7.4	9.205	7.5	9.291	7.59	9.39	7.66
Open Circuit Voltage (Voc)	45.05	41.44	45.1	41.49	45.81	42.15	46.65	42.91	47.4	43.61
Short Circuit Current (Isc)	9.34	7.62	9.6	7.82	9.73	7.92	9.82	8.02	9.92	8.09
Module Efficiency(%)	17.5		18.04		18.56		19.07		19.59	

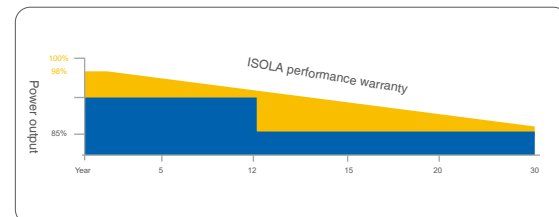
THERMAL CHARACTERISTICS & OPERATING CONDITIONS

Maximum System Voltage(V)	1000V
Maximum Series Fuse Rating(A)	15
Power Tolerance	0~+3%
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
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)	156.75*156.75 Mono
No. of Cells	72(6*12)
Frame (Material)	Anodized Aluminium Alloy
Junction Box (Protection Degree)	IP65/IP67
Cable (Length/Cross-Sectional Area)	4mm² cable 90cm+mc4







PACKAGING SPECIFICATIONS

- 20FT container 12Packages/324PCS
- 40HQ container 24Packages/720PCS







Please Scan Code

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



72M PERC

385W-400W

-  **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

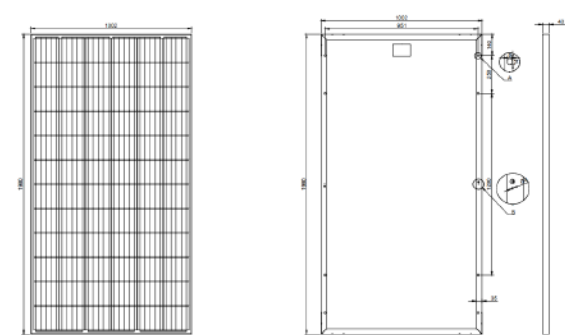


ELECTRICAL PERFORMANCE

Model Type	YH385W-36M		YH390W-36M		YH395W-36M		YH400W-36M	
Dimensions (L / W / H)	1980x1002x40		1980x1002x40		1980x1002x40		1980x1002x40	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Peak Power at STC (Pmax)	385	285	390	289	395	292	400	296
Maximum Power Voltage (Vmp)	39.86	36.65	40.13	36.92	40.5	37.26	40.66	37.4
Maximum Power Current (Imp)	9.66	7.78	9.72	7.85	9.75	7.84	9.84	7.91
Open Circuit Voltage (Voc)	47.34	43.52	47.66	43.85	48.1	44.25	48.29	44.42
Short Circuit Current (Isc)	10.25	8.26	10.32	8.33	10.35	8.34	10.45	8.4
Module Efficiency(%)	19.41		19.66		19.91		20.16	

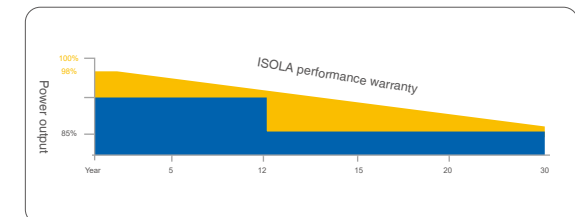
THERMAL CHARACTERISTICS & OPERATING CONDITIONS

Maximum System Voltage(V)	1000V
Maximum Series Fuse Rating(A)	15
Power Tolerance	0~+3%
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
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)	158.75*158.75 Mono
No. of Cells	72(6*12)
Frame (Material)	Anodized Aluminium Alloy
Junction Box (Protection Degree)	IP65/IP67
Cable (Length/Cross-Sectional Area)	4mm² cable 90cm+mc4



PACKAGING SPECIFICATIONS

- 20FT container 10 Packages/ 270PCS
- 40HQ container 22 Packages/660PCS







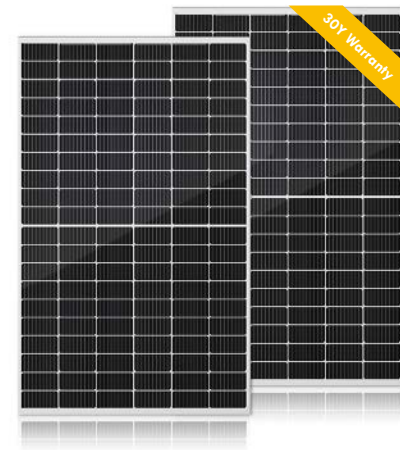
Please Scan Code

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



158M HALF CELL 330W-340W

-  **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

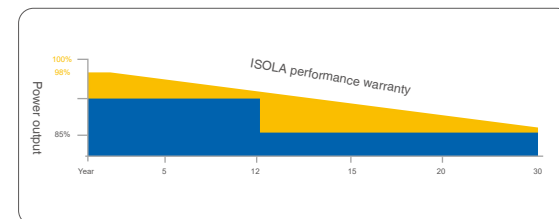
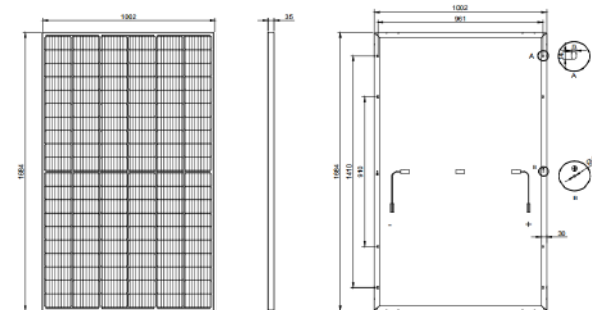


ELECTRICAL PERFORMANCE

Model Type	YH330W-30M		YH340W-30M	
Dimensions (L / W / H)	1684x1002x35		1684x1002x35	
	STC	NOCT	STC	NOCT
Peak Power at STC (Pmax)	330	248	340	255
Maximum Power Voltage (Vmp)	33.99	31.27	34.73	31.95
Maximum Power Current (Imp)	9.71	7.39	9.79	7.98
Open Circuit Voltage (Voc)	40.98	36.51	41.16	37.3
Short Circuit Current (Isc)	10.25	8.38	10.34	8.43
Module Efficiency(%)	19.56		20.15	

THERMAL CHARACTERISTICS & OPERATING CONDITIONS

Maximum System Voltage(V)	1500V
Maximum Series Fuse Rating(A)	20
Power Tolerance	0~+3%
Pmax Temperature Coefficients(W/°C)	-0.350%
Voc Temperature Coefficients(V/°C)	-0.250%
Isc Temperature Coefficients(A/°C)	+0.040%
NOCT Nominal Operating Cell Temperature(°C)	45±2
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)	158.75*79.375 Mono
No. of Cells	120(6*10)*2
Frame (Material)	Anodized Aluminium Alloy
Junction Box (Protection Degree)	IP65/IP67
Cable (Length/Cross-Sectional Area)	4mm ² cable 30cm+mc4

PACKAGING SPECIFICATIONS

- 20FT container 12Packages/372PCS
- 40HQ container 28Packages/868PCS







Please Scan Code

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



158M HALF CELL 400W-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

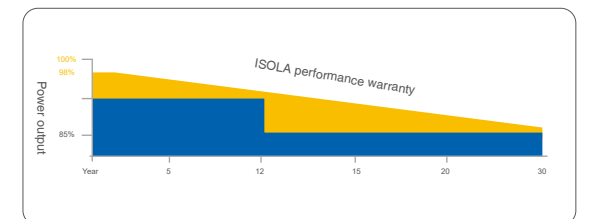
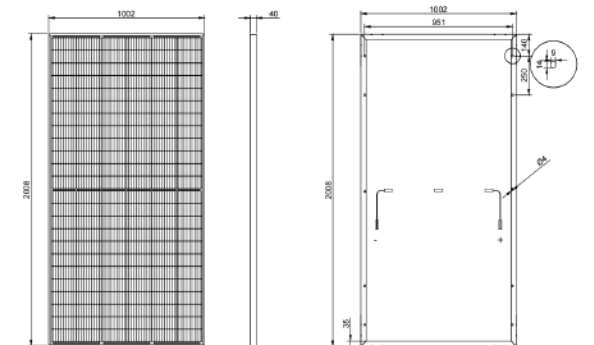


ELECTRICAL PERFORMANCE

Model Type	YH400W-36M		YH410W-36M	
Dimensions (L / W / H)	2008x1002x40		2008x1002x40	
	STC	NOCT	STC	NOCT
Peak Power at STC (Pmax)	400	300	410	308
Maximum Power Voltage (Vmp)	41.11	37.82	41.88	38.53
Maximum Power Current (Imp)	9.73	7.93	9.79	7.99
Open Circuit Voltage (Voc)	48.71	44.81	49.62	45.63
Short Circuit Current (Isc)	10.28	8.38	28.38	8.45
Module Efficiency(%)	19.9		20.38	

THERMAL CHARACTERISTICS & OPERATING CONDITIONS

Maximum System Voltage(V)	1500V
Maximum Series Fuse Rating(A)	20
Power Tolerance	0~+3%
Pmax Temperature Coefficients(W/°C)	-0.350%
Voc Temperature Coefficients(V/°C)	-0.250%
Isc Temperature Coefficients(A/°C)	+0.040%
NOCT Nominal Operating Cell Temperature(°C)	45±2
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)	158.75*79.375 Mono
No. of Cells	144(6*12)*2
Frame (Material)	Anodized Aluminium Alloy
Junction Box (Protection Degree)	IP68 3 diodes
Cable (Length/Cross-Sectional Area)	4mm ² cable 30cm+mc4

PACKAGING SPECIFICATIONS

- 20FT container 10Packages/270PCS
- 40HQ container 22Packages/594PCS







Please Scan Code

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 350W-370W

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

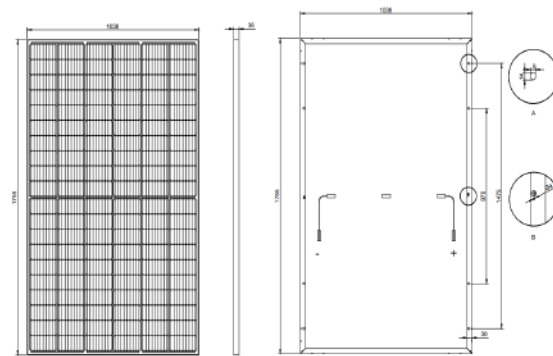


ELECTRICAL PERFORMANCE

Model Type	YH350W-30M		YH360W-30M		YH370W-30M	
	STC	NOCT	STC	NOCT	STC	NOCT
Dimensions (L / W / H)	1755x1038x35		1755x1038x35		1755x1038x35	
Peak Power at STC (Pmax)	350	261	360	269	370	276
Maximum Power Voltage (Vmp)	33.75	31.04	34	31.7	34.4	32
Maximum Power Current (Imp)	10.37	8.41	10.59	8.49	10.76	8.63
Open Circuit Voltage (Voc)	39.86	36.67	40.5	38	40.9	38.3
Short Circuit Current (Isc)	10.96	8.89	11.35	9.17	11.52	9.32
Module Efficiency(%)	19.22		19.76		20.31	

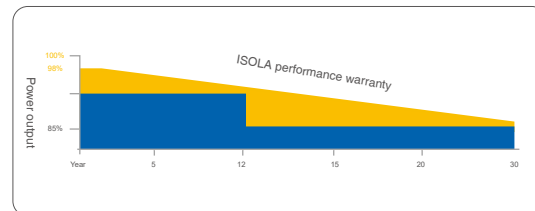
THERMAL CHARACTERISTICS & OPERATING CONDITIONS

Maximum System Voltage(V)	1500V
Maximum Series Fuse Rating(A)	20
Power Tolerance	0~+3%
Pmax Temperature Coefficients(W/°C)	-0.350%
Voc Temperature Coefficients(V/°C)	-0.290%
Isc Temperature Coefficients(A/°C)	+0.048%
NOCT Nominal Operating Cell Temperature(°C)	45±2
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)	IP68 3 diodes
Cable (Length/Cross-Sectional Area)	4mm² cable 30cm+mc4







PACKAGING SPECIFICATIONS

- 20FT container 12Packages/354PCS
- 40HQ container 26Packages/806PCS







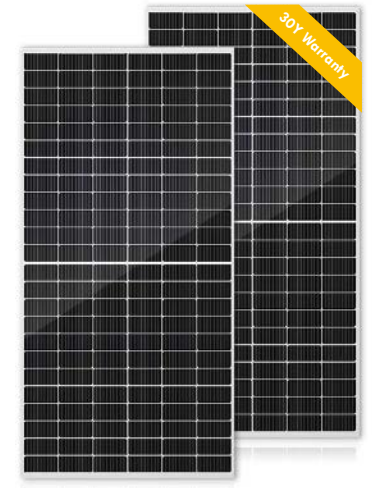
Please Scan Code

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 420W-450W

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

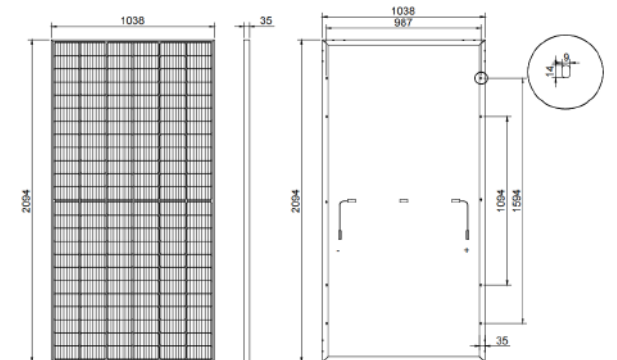


ELECTRICAL PERFORMANCE

Model Type	YH420W-36M		YH430W-36M		YH440W-36M		YH450W-36M	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Dimensions (L / W / H)	2094x1038x35		2094x1038x35		2094x1038x35		2094x1038x35	
Peak Power at STC (Pmax)	420	314	430	321	440	329	450	336
Maximum Power Voltage (Vmp)	40.3	37.52	40.7	37.9	41.1	38.3	41.5	38.6
Maximum Power Current (Imp)	10.42	8.37	10.57	8.47	10.71	8.6	10.85	8.7
Open Circuit Voltage (Voc)	48	44.96	48.5	45.5	48.9	45.8	49.3	46.2
Short Circuit Current (Isc)	11.12	8.99	11.31	9.15	11.46	9.27	11.6	9.38
Module Efficiency(%)	19.32		19.78		20.24		20.7	

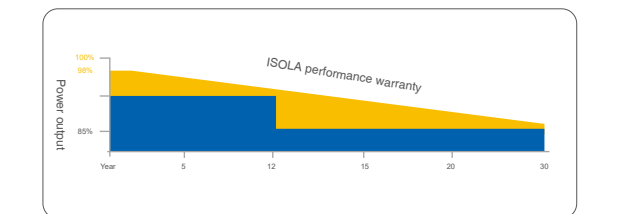
THERMAL CHARACTERISTICS & OPERATING CONDITIONS

Maximum System Voltage(V)	1500V
Maximum Series Fuse Rating(A)	20
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
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)	IP68 3 diodes
Cable (Length/Cross-Sectional Area)	4mm² cable 30cm+mc4



PACKAGING SPECIFICATIONS

- 20FT container 10Packages/245PCS
- 40HQ container 22Packages/726PCS







Please Scan Code

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

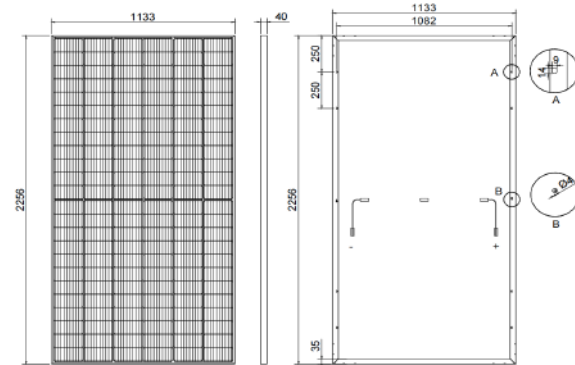


ELECTRICAL PERFORMANCE

Model Type	YH535W-36M		YH540W-36M		YH545W-36M		YH550W-36M	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Dimensions (L / W / H)	2256x1133x35		2256x1133x35		2256x1133x35		2256x1133x35	
Peak Power at STC (Pmax)	535	397.7	540	401.4	545	405.1	550	408
Maximum Power Voltage (Vmp)	41.6	38.62	41.76	38.78	41.93	38.93	42.1	39.09
Maximum Power Current (Imp)	12.84	10.3	12.93	10.35	13	10.41	13.06	10.46
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(%)	20.93		21.12		21.32		21.51	

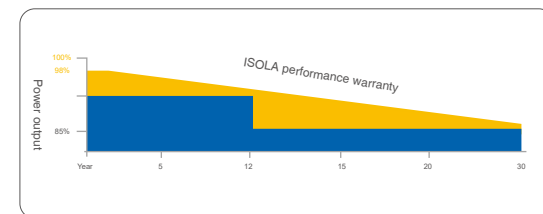
THERMAL CHARACTERISTICS & OPERATING CONDITIONS

Maximum System Voltage(V)	1500V
Maximum Series Fuse Rating(A)	25
Power Tolerance	0~+3%
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
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







PACKAGING SPECIFICATIONS

- 20FT container 10Packages/275PCS
- 40HQ container 22Packages/620PCS

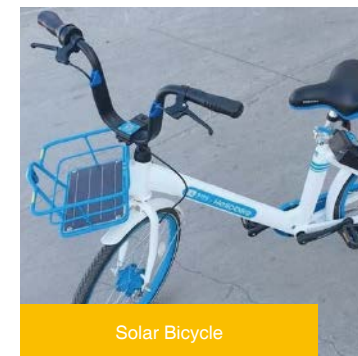


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NOCT  Irradiance 800W/m²  Ambient Temperature 20 °C AM=1.5



5KW Roof Project



Solar Bicycle



Solar-Powered Pumps



Solar Street Lights



Color Steel Tile
530KW Solar Power Project



Rooftop Installation
10KW Solar Project



Flat Cement Floor
3MW Solar Plant



Ground Installation
5MW Solar Plant



Please Scan Code

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NOCT  Irradiance 800W/m²  Ambient Temperature 20 °C AM=1.5