

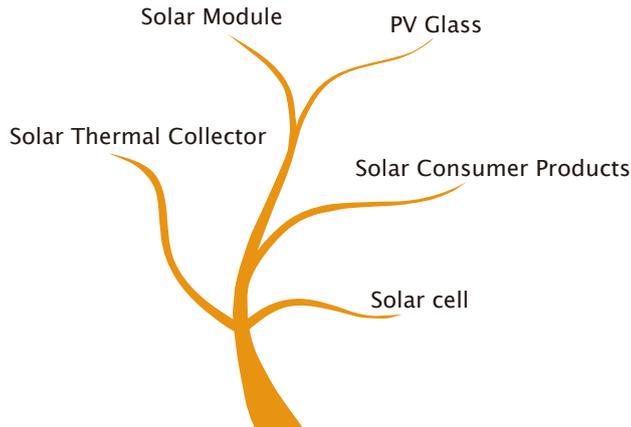
TPS107S-5W-POLY

5 W
Poly Crystalline Solar Module



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Our Products Categories



Professional Solar Provider Since 1992

Key Feature

- Plus power tolerance: +3%
- Independent research anti-reflective and self-cleaning glass surface reduces power loss from dirt and dust
- Excellent performance under low light environments, create better kWh/kW ratio and produce average 2-3% more electricity

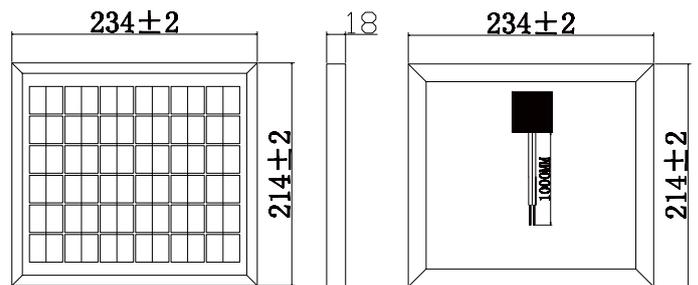
Best Quality

- Junction box and bypass diodes guarantee the modules free of overheating and "hot spot effect"
- 100% EL double-inspection ensures modules are defects free

Certification



Electrical Characteristics



MECHANICAL SPECIFICATION

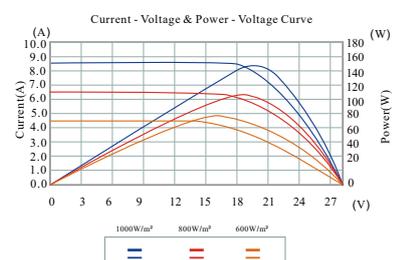
Cell Type	Poly crystalline 158.75*158.75mm
Number of cells	36pcs
Dimensions	234x214x18mm
Front Glass	3.2mm Low iron tempered glass
Frame	Anodized aluminum alloy
Connector	MC4 PLUG
Output Cables	Length 1.0m

PERFORMANCE AT STANDARD TEST CONDITION (STC:1000W/m²,25°C,AM1.5)

Module Series	TPS107S-5W-POLY
Maximum Power at STC(Pmax)	5W (+/-5%)
Short Circuit Current(Isc)	0.29A
Open Circuit Voltage(Voc)	22.68V
Maximum Power Current(Imp)	0.26A
Maximum Power Voltage(Vmp)	19.08V

ABSOLUTE MAXIMUM LIMITS

Parameters	Unit	Rating
Operation temperature	°C	-40 to +85
Storage temperature	°C	-40 to +85



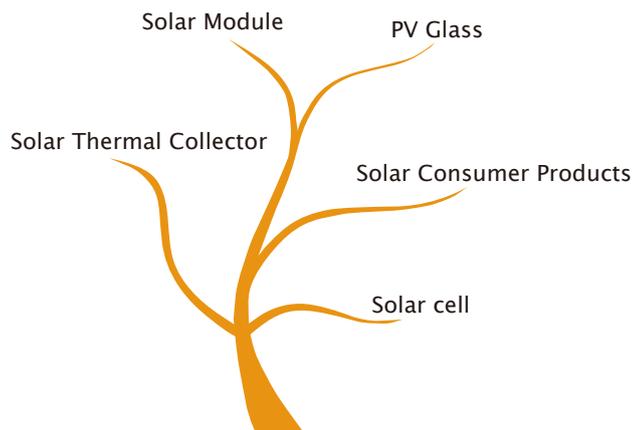
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TPS107S-10W-POLY 10 W Poly Crystalline Solar Module



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Key Feature

- Plus power tolerance: +3%
- Independent research anti-reflective and self-cleaning glass surface reduces power loss from dirt and dust
- Excellent performance under low light environments, create better kWh/kW ratio and produce average 2-3% more electricity

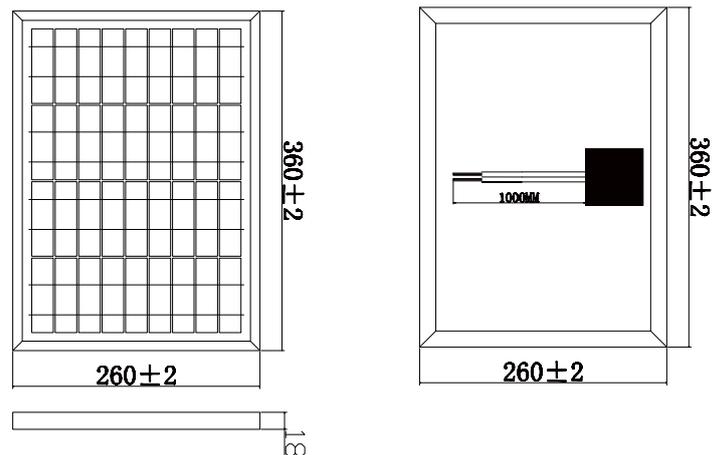
Best Quality

- Junction box and bypass diodes guarantee the modules free of overheating and "hot spot effect"
- 100% EL double-inspection ensures modules are defects free

Certification



Electrical Characteristics



MECHANICAL SPECIFICATION

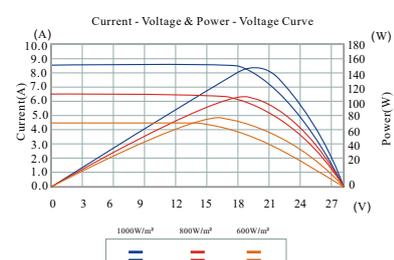
Cell Type	Poly crystalline 158.75*158.75mm
Number of cells	36pcs
Dimensions	360x260x18mm
Front Glass	3.2mm Low iron tempered glass
Frame	Anodized aluminum alloy
Connector	MC4 PLUG
Output Cables	Length 1.0m

PERFORMANCE AT STANDARD TEST CONDITION (STC:1000W/m²,25°C,AM1.5)

Module Series	TPS107S-10W-POLY
Maximum Power at STC(Pmax)	10W (+/-5%)
Short Circuit Current(Isc)	0.57A
Open Circuit Voltage(Voc)	22.68V
Maximum Power Current(Imp)	0.53A
Maximum Power Voltage(Vmp)	19.08V

ABSOLUTE MAXIMUM LIMITS

Parameters	Unit	Rating
Operation temperature	°C	-40 to +85
Storage temperature	°C	-40 to +85



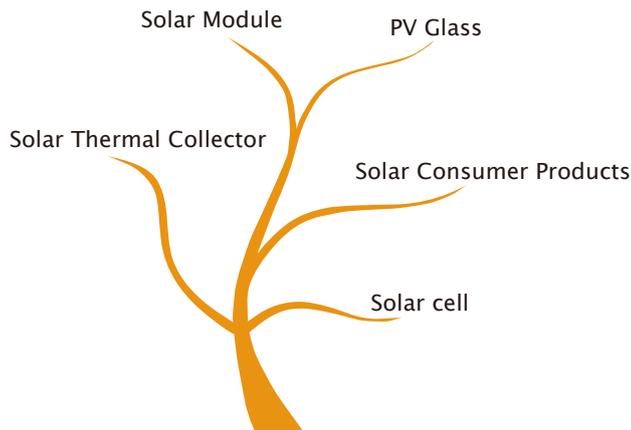
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TPS107S-20W-POLY 20W Poly Crystalline Solar Module



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Key Feature

- Plus power tolerance: +3%
- Independent research anti-reflective and self-cleaning glass surface reduces power loss from dirt and dust
- Excellent performance under low light environments, create better kWh/kW ratio and produce average 2-3% more electricity

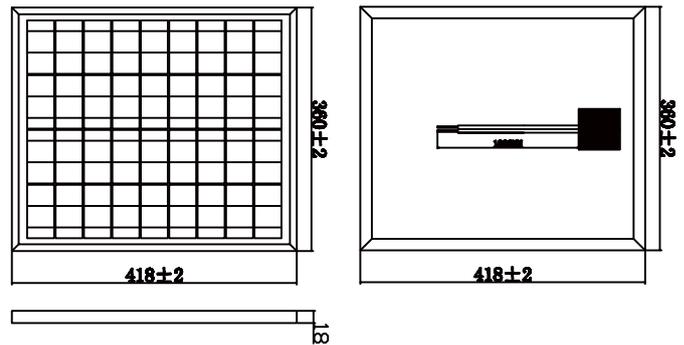
Best Quality

- Junction box and bypass diodes guarantee the modules free of overheating and "hot spot effect"
- 100% EL double-inspection ensures modules are defects free

Certification



Electrical Characteristics



MECHANICAL SPECIFICATION

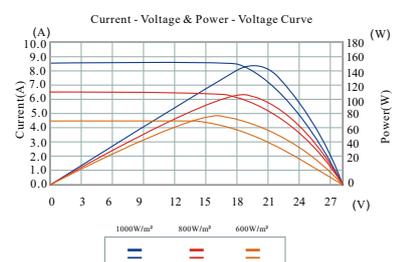
Cell Type	Poly crystalline 158.75*158.75mm
Number of cells	36pcs
Dimensions	360×418×18mm
Front Glass	3.2mm Low iron tempered glass
Frame	Anodized aluminum alloy
Connector	MC4 PLUG
Output Cables	Length 0.7m

PERFORMANCE AT STANDARD TEST CONDITION (STC:1000W/m²,25°C,AM1.5)

Module Series	TPS107S-20W-POLY
Maximum Power at STC(Pmax)	20W (+/-5%)
Short Circuit Current(Isc)	1.14A
Open Circuit Voltage(Voc)	22.68V
Maximum Power Current(Imp)	1.05A
Maximum Power Voltage(Vmp)	19.08V

ABSOLUTE MAXIMUM LIMITS

Parameters	Unit	Rating
Operation temperature	°C	-40 to +85
Storage temperature	°C	-40 to +85



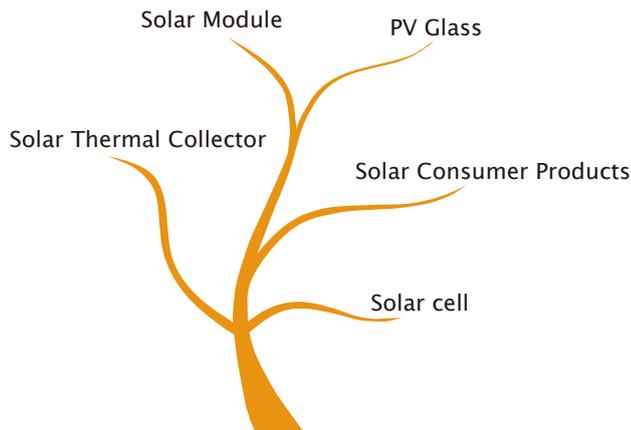
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TPS107S-30W-POLY 30 W Poly Crystalline Solar Module



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Key Feature

- Plus power tolerance: +3%
- Independent research anti-reflective and self-cleaning glass surface reduces power loss from dirt and dust
- Excellent performance under low light environments, create better kWh/kW ratio and produce average 2-3% more electricity

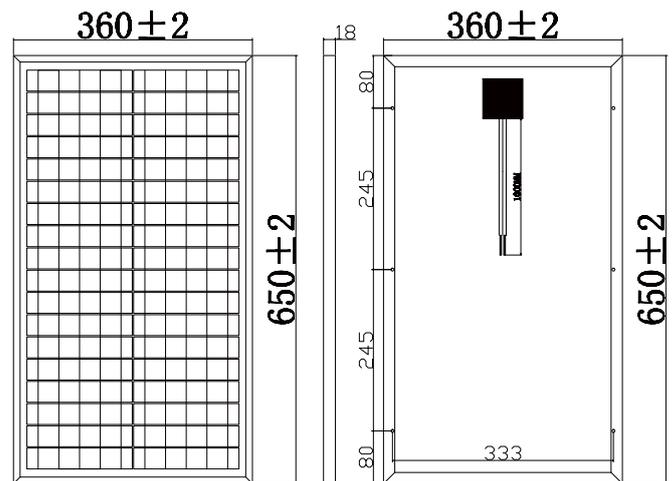
Best Quality

- Junction box and bypass diodes guarantee the modules free of overheating and “hot spot effect”
- 100% EL double-inspection ensures modules are defects free

Certification



Electrical Characteristics



MECHANICAL SPECIFICATION

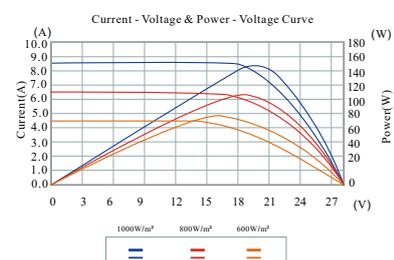
Cell Type	Poly crystalline 158.75*158.75mm
Number of cells	36pcs
Dimensions	360x650x18mm
Front Glass	3.2mm Low iron tempered glass
Frame	Anodized aluminum alloy
Connector	MC4 PLUG
Output Cables	Length 1.0m

PERFORMANCE AT STANDARD TEST CONDITION (STC:1000W/m²,25°C,AM1.5)

Module Series	TPS107S-30W-POLY
Maximum Power at STC(Pmax)	30W (+/-5%)
Short Circuit Current(Isc)	1.7A
Open Circuit Voltage(Voc)	22.68V
Maximum Power Current(Imp)	1.57A
Maximum Power Voltage(Vmp)	19.08V

ABSOLUTE MAXIMUM LIMITS

Parameters	Unit	Rating
Operation temperature	°C	-40 to +85
Storage temperature	°C	-40 to +85



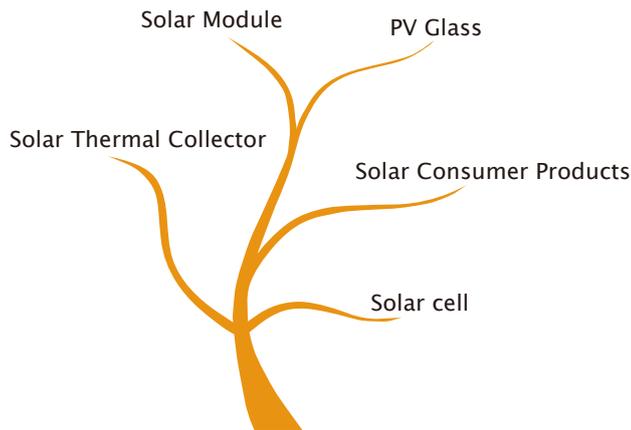
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TPS107S-40W-POLY 40 W Poly Crystalline Solar Module



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Key Feature

- Plus power tolerance: +3%
- Independent research anti-reflective and self-cleaning glass surface reduces power loss from dirt and dust
- Excellent performance under low light environments, create better kWh/kW ratio and produce average 2-3% more electricity

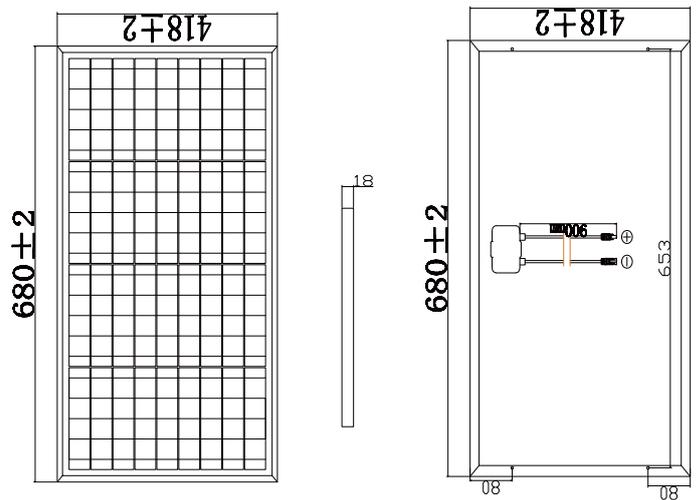
Best Quality

- Junction box and bypass diodes guarantee the modules free of overheating and “hot spot effect”
- 100% EL double-inspection ensures modules are defects free

Certification



Electrical Characteristics



MECHANICAL SPECIFICATION

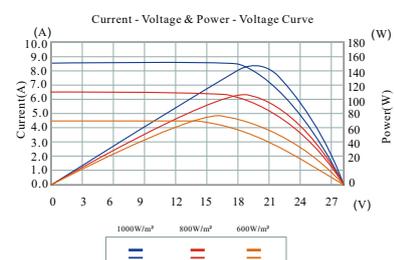
Cell Type	Poly crystalline 158.75*158.75mm
Number of cells	36pcs
Dimensions	680x418x25mm
Front Glass	3.2mm Low iron tempered glass
Frame	Anodized aluminum alloy
Connector	MC4 PLUG
Output Cables	Length 1.0m

PERFORMANCE AT STANDARD TEST CONDITION (STC:1000W/m²,25°C,AM1.5)

Module Series	TPS107S-40W-POLY
Maximum Power at STC(Pmax)	40W (+/-5%)
Short Circuit Current(Isc)	2.3A
Open Circuit Voltage(Voc)	22.68V
Maximum Power Current(Imp)	2.1A
Maximum Power Voltage(Vmp)	19.08V

ABSOLUTE MAXIMUM LIMITS

Parameters	Unit	Rating
Operation temperature	°C	-40 to +85
Storage temperature	°C	-40 to +85



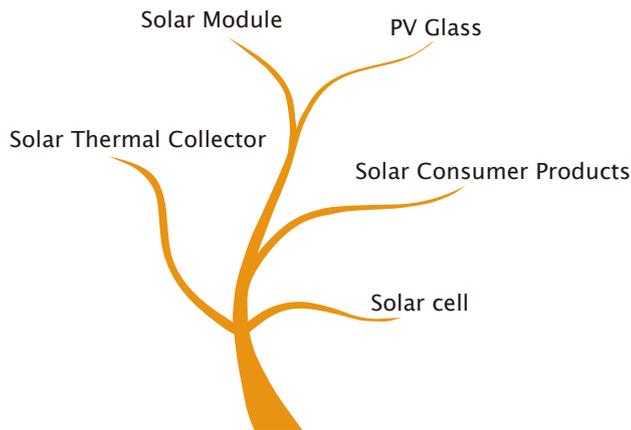
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TPS107S-55W-POLY 55 W Poly Crystalline Solar Module



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Key Feature

- Plus power tolerance: +3%
- Independent research anti-reflective and self-cleaning glass surface reduces power loss from dirt and dust
- Excellent performance under low light environments, create better kWh/kW ratio and produce average 2-3% more electricity

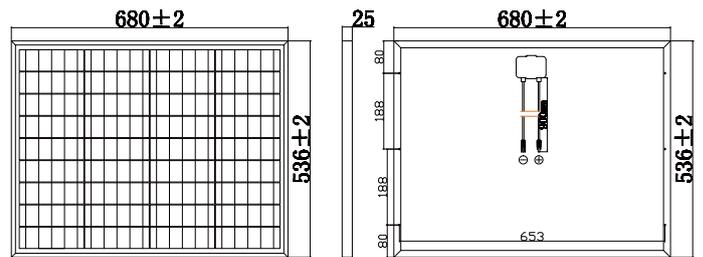
Best Quality

- Junction box and bypass diodes guarantee the modules free of overheating and “hot spot effect”
- 100% EL double-inspection ensures modules are defects free

Certification



Electrical Characteristics



MECHANICAL SPECIFICATION

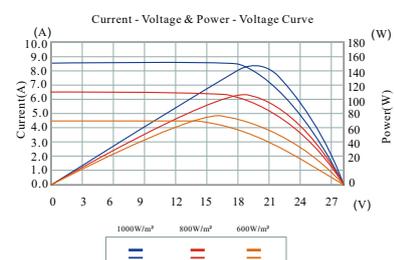
Cell Type	Poly crystalline 158.75*158.75mm
Number of cells	36pcs
Dimensions	680x536x25mm
Front Glass	3.2mm Low iron tempered glass
Frame	Anodized aluminum alloy
Connector	MC4 PLUG
Output Cables	Length 0.9m

PERFORMANCE AT STANDARD TEST CONDITION (STC:1000W/m²,25°C,AM1.5)

Module Series	TPS107S-55W-POLY
Maximum Power at STC(Pmax)	55W (+/-5%)
Short Circuit Current(Isc)	3.11A
Open Circuit Voltage(Voc)	22.68V
Maximum Power Current(Imp)	2.89A
Maximum Power Voltage(Vmp)	19.08V

ABSOLUTE MAXIMUM LIMITS

Parameters	Unit	Rating
Operation temperature	°C	-40 to +85
Storage temperature	°C	-40 to +85



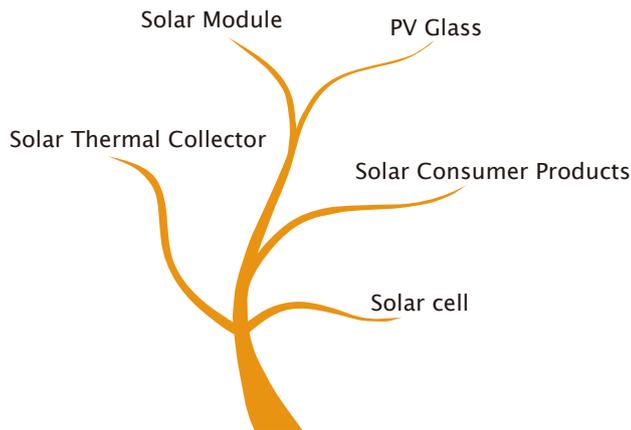
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TPS107S-65W-POLY 65 W Poly Crystalline Solar Module



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Key Feature

- Plus power tolerance: +3%
- Independent research anti-reflective and self-cleaning glass surface reduces power loss from dirt and dust
- Excellent performance under low light environments, create better kWh/kW ratio and produce average 2-3% more electricity

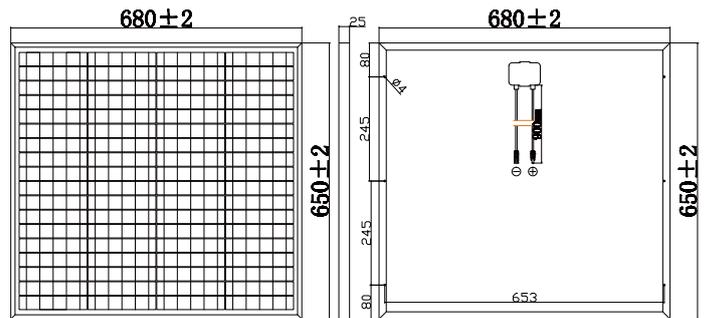
Best Quality

- Junction box and bypass diodes guarantee the modules free of overheating and “hot spot effect”
- 100% EL double-inspection ensures modules are defects free

Certification



Electrical Characteristics



MECHANICAL SPECIFICATION

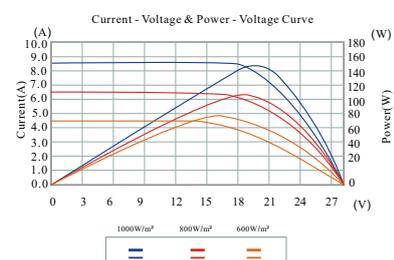
Cell Type	Poly crystalline 158.75*158.75mm
Number of cells	72pcs
Dimensions	680x650x25mm
Front Glass	3.2mm Low iron tempered glass
Frame	Anodized aluminum alloy
Connector	MC4 PLUG
Output Cables	Length 0.9m

PERFORMANCE AT STANDARD TEST CONDITION (STC:1000W/m²,25°C,AM1.5)

Module Series	TPS107S-65W-POLY
Maximum Power at STC(Pmax)	65W (+/-5%)
Short Circuit Current(Isc)	3.68A
Open Circuit Voltage(Voc)	22.68V
Maximum Power Current(Imp)	3.41A
Maximum Power Voltage(Vmp)	19.08V

ABSOLUTE MAXIMUM LIMITS

Parameters	Unit	Rating
Operation temperature	°C	-40 to +85
Storage temperature	°C	-40 to +85



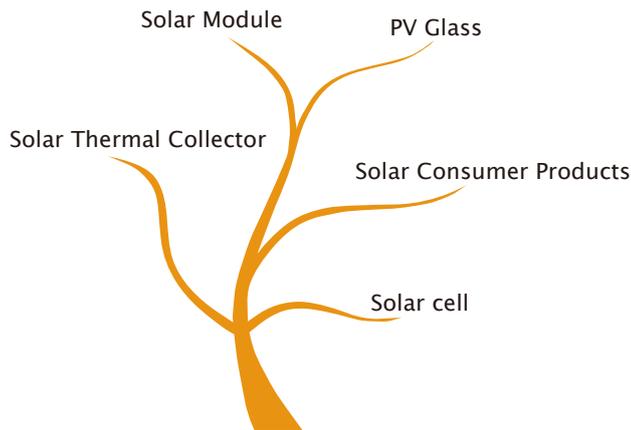
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TPS107S-80W-POLY 80 W Poly Crystalline Solar Module



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Key Feature

- Plus power tolerance: +3%
- Independent research anti-reflective and self-cleaning glass surface reduces power loss from dirt and dust
- Excellent performance under low light environments, create better kWh/kW ratio and produce average 2-3% more electricity

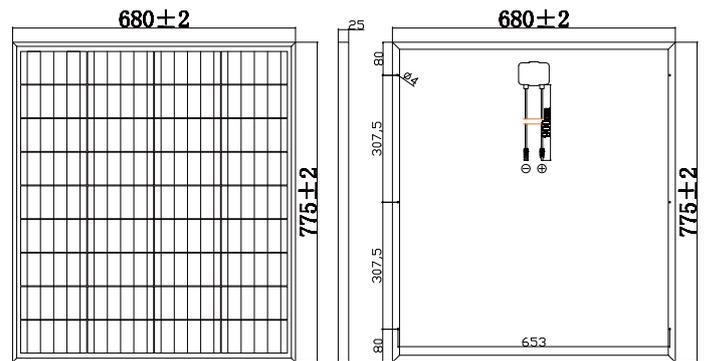
Best Quality

- Junction box and bypass diodes guarantee the modules free of overheating and “hot spot effect”
- 100% EL double-inspection ensures modules are defects free

Certification



Electrical Characteristics



MECHANICAL SPECIFICATION

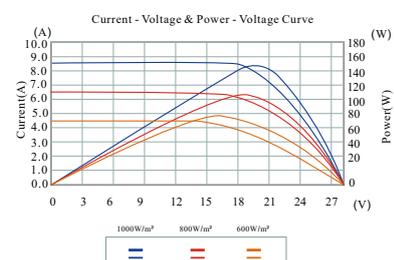
Cell Type	Poly crystalline 158.75*158.75mm
Number of cells	36pcs
Dimensions	680x775x25mm
Front Glass	3.2mm Low iron tempered glass
Frame	Anodized aluminum alloy
Connector	MC4 PLUG
Output Cables	Length 0.9m

PERFORMANCE AT STANDARD TEST CONDITION (STC:1000W/m²,25°C,AM1.5)

Module Series	TPS107S-80W-POLY
Maximum Power at STC(Pmax)	80W (+/-5%)
Short Circuit Current(Isc)	4.53A
Open Circuit Voltage(Voc)	22.68V
Maximum Power Current(Imp)	4.20A
Maximum Power Voltage(Vmp)	19.08V

ABSOLUTE MAXIMUM LIMITS

Parameters	Unit	Rating
Operation temperature	°C	-40 to +85
Storage temperature	°C	-40 to +85



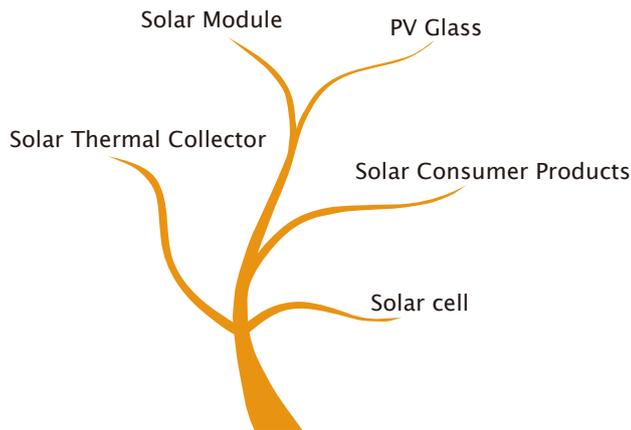
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TPS107S-105W-POLY 105W Poly Crystalline Solar Module



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Key Feature

- Plus power tolerance: +3%
- Independent research anti-reflective and self-cleaning glass surface reduces power loss from dirt and dust
- Excellent performance under low light environments, create better kWh/kW ratio and produce average 2-3% more electricity

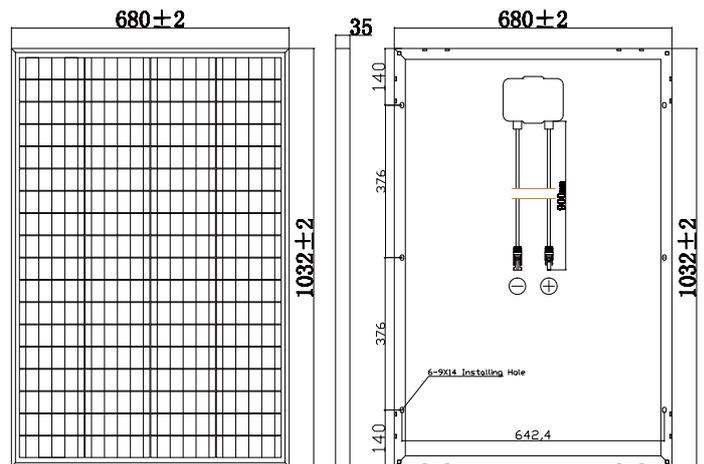
Best Quality

- Junction box and bypass diodes guarantee the modules free of overheating and “hot spot effect”
- 100% EL double-inspection ensures modules are defects free

Certification



Electrical Characteristics



MECHANICAL SPECIFICATION

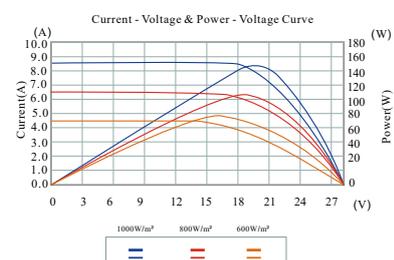
Cell Type	Poly crystalline 158.75*158.75mm
Number of cells	72pcs
Dimensions	680x1035x35mm
Front Glass	3.2mm Low iron tempered glass
Frame	Anodized aluminum alloy
Connector	MC4 PLUG
Output Cables	Length 0.9m

PERFORMANCE AT STANDARD TEST CONDITION (STC:1000W/m²,25°C,AM1.5)

Module Series	TPS107S-105W-POLY
Maximum Power at STC(Pmax)	105W (+/-5%)
Short Circuit Current(Isc)	5.93A
Open Circuit Voltage(Voc)	22.68V
Maximum Power Current(Imp)	5.50A
Maximum Power Voltage(Vmp)	19.08V

ABSOLUTE MAXIMUM LIMITS

Parameters	Unit	Rating
Operation temperature	°C	-40 to +85
Storage temperature	°C	-40 to +85



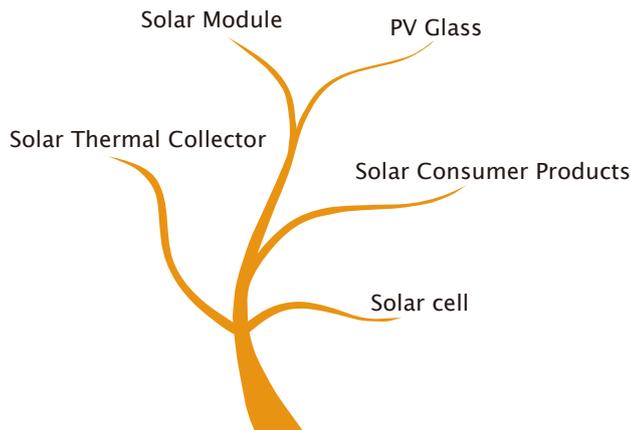
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TPS107S-125W-POLY 125W Poly Crystalline Solar Module



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Key Feature

- Plus power tolerance: +3%
- Independent research anti-reflective and self-cleaning glass surface reduces power loss from dirt and dust
- Excellent performance under low light environments, create better kWh/kW ratio and produce average 2-3% more electricity

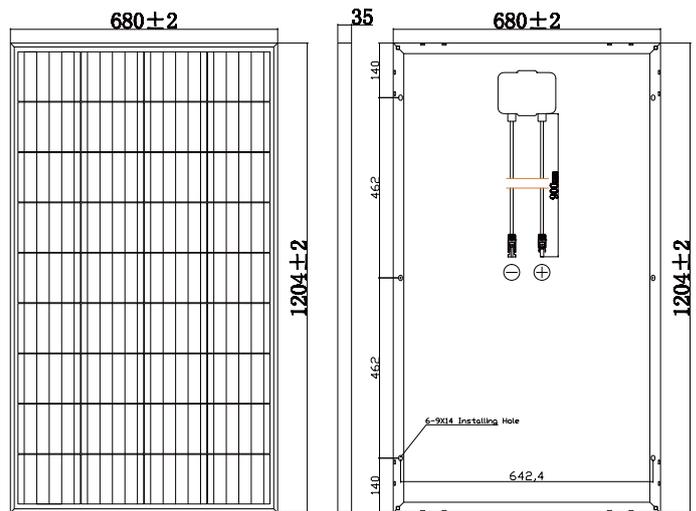
Best Quality

- Junction box and bypass diodes guarantee the modules free of overheating and “hot spot effect”
- 100% EL double-inspection ensures modules are defects free

Certification



Electrical Characteristics



MECHANICAL SPECIFICATION

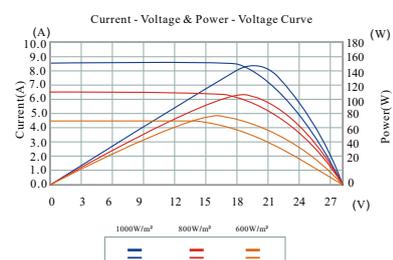
Cell Type	Poly crystalline 158.75*158.75mm
Number of cells	36pcs
Dimensions	680x1204x35mm
Front Glass	3.2mm Low iron tempered glass
Frame	Anodized aluminum alloy
Connector	MC4 PLUG
Output Cables	Length 0.9m

PERFORMANCE AT STANDARD TEST CONDITION (STC:1000W/m²,25°C,AM1.5)

Module Series	TPS107S-125W-POLY
Maximum Power at STC(Pmax)	125W (+/-5%)
Short Circuit Current(Isc)	7.06A
Open Circuit Voltage(Voc)	22.68V
Maximum Power Current(Imp)	6.55A
Maximum Power Voltage(Vmp)	19.08V

ABSOLUTE MAXIMUM LIMITS

Parameters	Unit	Rating
Operation temperature	°C	-40 to +85
Storage temperature	°C	-40 to +85



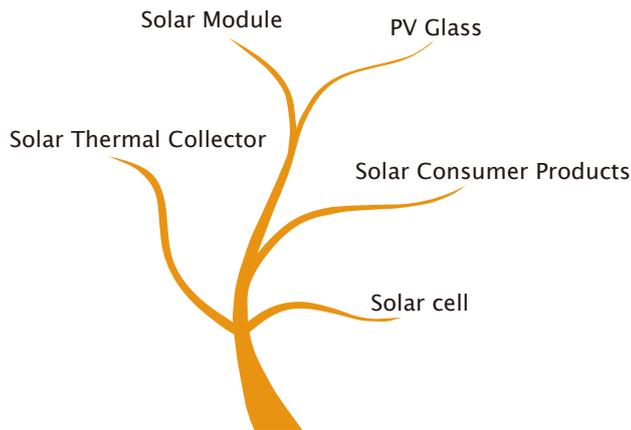
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TPS107S-160W-POLY 160W Poly Crystalline Solar Module



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Key Feature

- Plus power tolerance: +3%
- Independent research anti-reflective and self-cleaning glass surface reduces power loss from dirt and dust
- Excellent performance under low light environments, create better kWh/kW ratio and produce average 2-3% more electricity

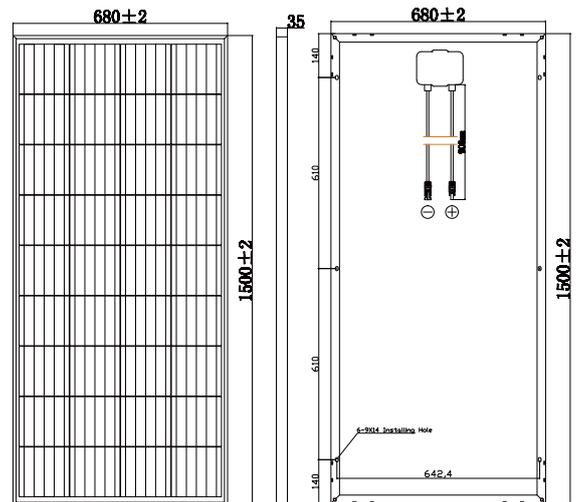
Best Quality

- Junction box and bypass diodes guarantee the modules free of overheating and “hot spot effect”
- 100% EL double-inspection ensures modules are defects free

Certification



Electrical Characteristics



MECHANICAL SPECIFICATION

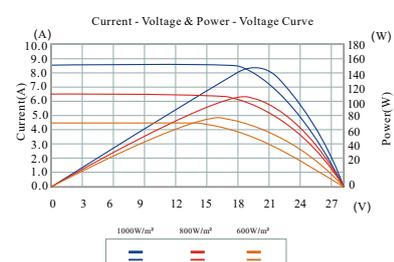
Cell Type	Poly crystalline 158.75*158.75mm
Number of cells	36pcs
Dimensions	680x1500x35mm
Front Glass	3.2mm Low iron tempered glass
Frame	Anodized aluminum alloy
Connector	MC4 PLUG
Output Cables	Length 0.9m

PERFORMANCE AT STANDARD TEST CONDITION (STC:1000W/m²,25°C,AM1.5)

Module Series	TPS107S-160W-POLY
Maximum Power at STC(Pmax)	160W (+/-5%)
Short Circuit Current(Isc)	9.05A
Open Circuit Voltage(Voc)	22.68V
Maximum Power Current(Imp)	8.39A
Maximum Power Voltage(Vmp)	19.08V

ABSOLUTE MAXIMUM LIMITS

Parameters	Unit	Rating
Operation temperature	°C	-40 to +85
Storage temperature	°C	-40 to +85



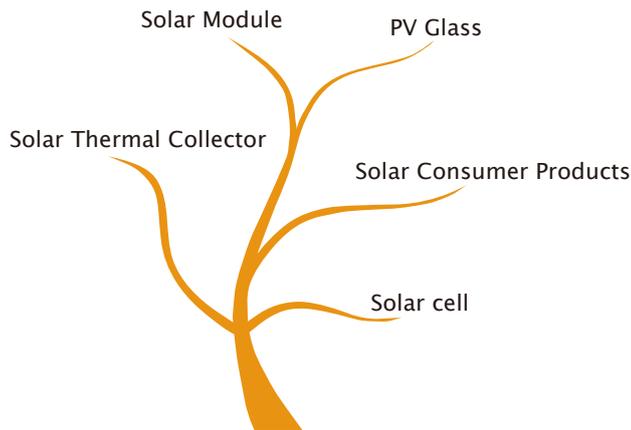
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TPS107S-210W-POLY 210W Poly Crystalline Solar Module



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Key Feature

- Plus power tolerance: +3%
- Independent research anti-reflective and self-cleaning glass surface reduces power loss from dirt and dust
- Excellent performance under low light environments, create better kWh/kW ratio and produce average 2-3% more electricity

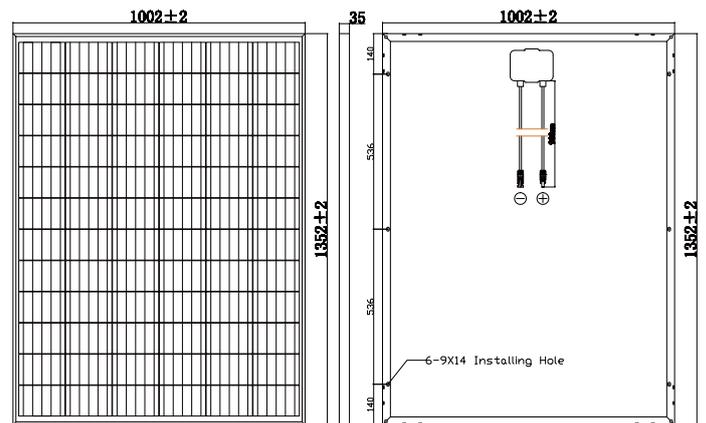
Best Quality

- Junction box and bypass diodes guarantee the modules free of overheating and “hot spot effect”
- 100% EL double-inspection ensures modules are defects free

Certification



Electrical Characteristics



MECHANICAL SPECIFICATION

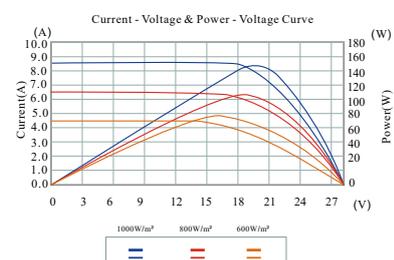
Cell Type	Poly crystalline 158.75*158.75mm
Number of cells	72pcs
Dimensions	1002x1352x35mm
Front Glass	3.2mm Low iron tempered glass
Frame	Anodized aluminum alloy
Connector	MC4 PLUG
Output Cables	Length 0.9m

PERFORMANCE AT STANDARD TEST CONDITION (STC:1000W/m²,25°C,AM1.5)

Module Series	TPS107S-210W-POLY
Maximum Power at STC(Pmax)	210W (+/-5%)
Short Circuit Current(Isc)	5.94A
Open Circuit Voltage(Voc)	45.3V
Maximum Power Current(Imp)	5.51A
Maximum Power Voltage(Vmp)	38.1V

ABSOLUTE MAXIMUM LIMITS

Parameters	Unit	Rating
Operation temperature	°C	-40 to +85
Storage temperature	°C	-40 to +85



NOTE:READ SAFETY AND INSTALLATION INSTRUCTIONS OR CONTACT THE TECHNICAL SERVICE FOR FURTHER INFORMATION BEFORE USING THE PRODUCT.
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