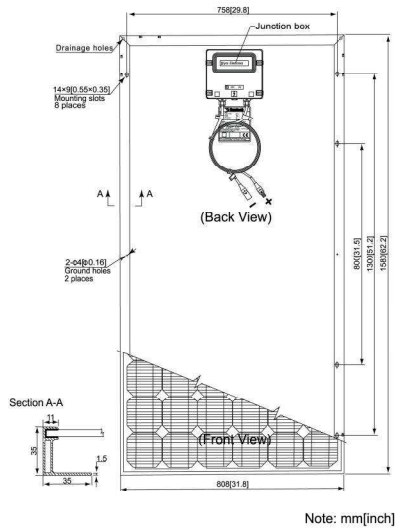


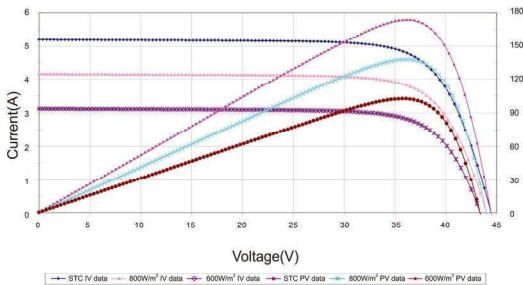
# Solar Module SL200-170

## Module Diagram



## Characteristics

Module IV Graph 175W



## Electrical Characteristics

Model	SL200-175	SL200-170
Open-circuit voltage (Voc)	44.2V	44.0V
Optimum operating voltage (Vmp)	35.31V	35.41V
Short-circuit current (Isc)	5.2A	5.1A
Optimum operating current (Imp)	4.95A	4.8A
Maximum power at STC (Pmax)	175Wp	170Wp
Operating temperature	-40°C ~ ±85°C	-40°C ~ ±85°C
Maximum system voltage	1000V DC	1000V DC
Efficiency	14.1%~15.5%	

STC: Irradiance 1000W/m<sup>2</sup>, Module temperature 25°C, AM=1.5

## Specifications

Cell	Monocrystalline silicon solar cells
No.of cell and connections	72(6 $\times$ 12)
Dimension of module	1580mm $\times$ 808mm $\times$ 35mm
Weight	15.5kg

## Temperature Coefficients

NOCT	45°C $\pm$ 2°C
Short-circuit current temperature coefficient	0.017 %/K
Open-circuit voltage temperature coefficient	-0.34%/K
Peak power temperature coefficient	-0.48%/K
Power tolerance	$\pm$ 3%
Cable	900mm/900mm

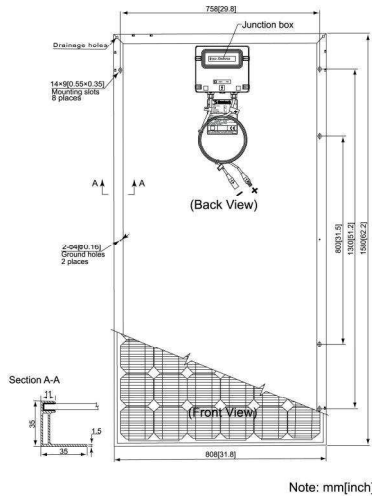
NOCT: Nominal Operating Cell Temperature (the data is only reference)

## Features and Benefits

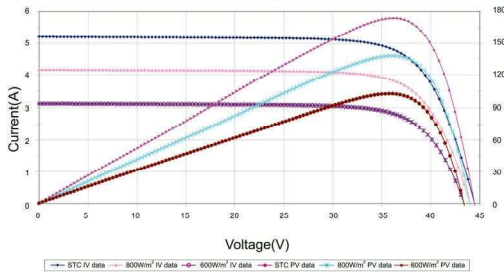
- High efficiency
- Nominal 24V DC for standard output
- Outstanding low-light performance
- Unique techniques give the panel following features:
  - esthetic appearance, with stands high wind-pressure and snow load, and easy installation
- Unique technology ensure that problems of water freezing and warping do not occur
- Design to meet unique demand of customer
- 25 year module output warranty
- TUV certificate (IEC 61215)

# Solar Module SL200-180W

Module Diagram



Characteristics  
Module IV Graph 185W



## Electrical Characteristics

Model	SL200-185W	SL200-180W
Open-circuit voltage (Voc)	44.38V	44.33V
Optimum operating voltage (Vmp)	35.11V	35V
Short-circuit current (Isc)	5.888A	5.834A
Optimum operating current (Imp)	5.268A	5.15A
Maximum power at STC (Pmax)	185Wp	180Wp
Operating temperature	-40°C ~ ±85°C	-40°C ~ ±85°C
Maximum system voltage	1000V DC	1000V DC
Efficiency	14.1%~15.5%	

STC: Irradiance 1000W/m<sup>2</sup>, Module temperature 25°C, AM=1.5

## Specifications

Cell	Monocrystalline silicon solar cells
No. of cell and connections	72(6×12)
Dimension of module	1580mm×808mm×35mm
Weight	15.5kg

## Temperature Coefficients

NOCT	45°C±2°C
Short-circuit current temperature coefficient	0.017 %/K
Open-circuit voltage temperature coefficient	-0.34%/K
Peak power temperature coefficient	-0.48%/K
Power tolerance	±3%
Cable	900mm/900mm

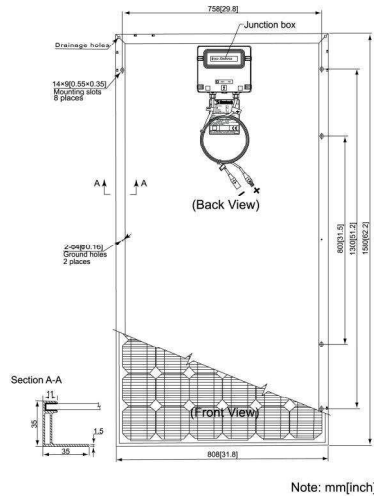
NOCT: Nominal Operating Cell Temperature (the data is only reference)

## Features and Benefits

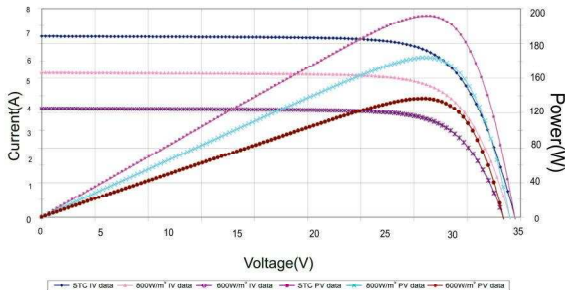
- High efficiency
- Nominal 24V DC for standard output
- Outstanding low-light performance
- Unique techniques give the panel following features:
  - esthetic appearance, with stands high wind-pressure and snow load, and easy installation
- Unique technology ensure that problems of water freezing and warping do not occur
- Design to meet unique demand of customer
- 25 year module output warranty
- TUV-IEC61215

# Solar Module SL200-190W

Module Diagram



Characteristics  
Module IV Graph 190W



## Electrical Characteristics

Model	SL200-190W
Open-circuit voltage (Voc)	44.26V
Optimum operating voltage (Vpm)	35.1V
Short-circuit current (Isc)	5.6A
Optimum operating current (Ipm)	5.42A
Maximum power at STC (Pmax)	190Wp
Operating temperature	-40°C ~ ±85°C
Maximum system voltage	1000V DC

STC: Irradiance 1000W/m<sup>2</sup>, Module temperature 25°C, AM=1.5

## Specifications

Cell	Monocrystalline silicon solar cells
No. of cell and connections	72(8×9)
Dimension of module	1468mm×987mm×50mm
Weight	18kg

## Temperature Coefficients

NOCT	45°C±2°C
Short-circuit current temperature coefficient	(0.055±0.01) %/K
Open-circuit voltage temperature coefficient	-(0.34±0.01) %/K
Peak power temperature coefficient	-(0.48±0.05) %/K
Power tolerance	±3%

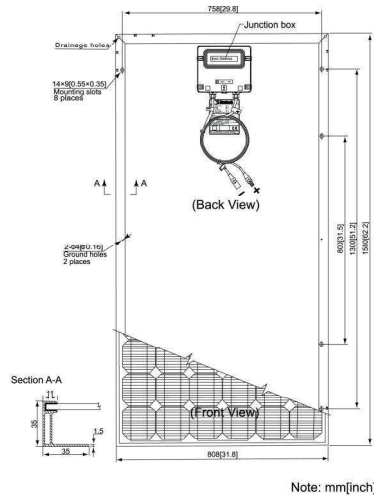
NOCT: Nominal Operating Cell Temperature (the data is only reference)

## Features and Benefits

- High efficiency
- Nominal 24V DC for standard output
- Outstanding low-light performance
- Unique techniques give the panel following features:
  - esthetic appearance, with stands high wind-pressure and snow load, and easy installation
- Unique technology ensure that problems of water freezing and warping do not occur
- Design to meet unique demand of customer
- 25 year module output warranty
- TUV-IEC61215

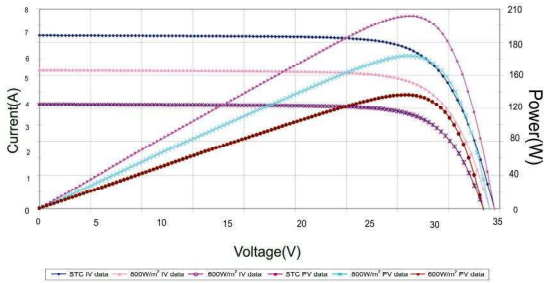
# Solar Module SL200-210W

## Module Diagram



## Characteristics

Module IV Graph 210 W



## Electrical Characteristics

Model	SL200-210W	SL200-200W
Open-circuit voltage (Voc)	44.42V	44.35V
Optimum operating voltage (Vmp)	35.26V	35.23V
Short-circuit current (Isc)	5.888A	5.834A
Optimum operating current (Imp)	5.96A	5.65A
Maximum power at STC (Pmax)	210Wp	200Wp
Operating temperature	-40°C ~ ±85°C	-40°C ~ ±85°C
Maximum system voltage	1000V DC	1000V DC
Efficiency	15.5%~16%	

STC: Irradiance 1000W/m<sup>2</sup>, Module temperature 25°C, AM=1.5

## Specifications

Cell	Monocrystalline silicon solar cells
No. of cell and connections	72(6×12)
Dimension of module	1952mm×994mm×35mm
Weight	18kg

## Temperature Coefficients

NOCT	45°C±2°C
Short-circuit current temperature coefficient	(0.055±0.01) %/K
Open-circuit voltage temperature coefficient	-(0.34±0.01) %/K
Peak power temperature coefficient	-(0.48±0.05) %/K
Power tolerance	±3%

NOCT: Nominal Operating Cell Temperature (the data is only reference)

## Features and Benefits

- High efficiency
- Nominal 24V DC for standard output
- Outstanding low-light performance
- Unique techniques give the panel following features:
  - esthetic appearance, with stands high wind-pressure and snow load, and easy installation
- Unique technology ensure that problems of water freezing and warping do not occur
- Design to meet unique demand of customer
- 25 year module output warranty
- TUV-IEC61215