

## PWM-170W

## PWM-175W

## PWM-180W

### Electrical Data

MONO	PWM-170W	PWM-175W	PWM-180W
Nominal peak power [Pmax] ±3%	170Wp	175Wp	180Wp
Maximum power voltage [Vmp]	35.5V	35.7V	36.2V
Maximum power current [Imp]	4.79A	4.90A	4.97A
Short-circuit current [Isc]	5.10A	5.21A	5.29A
Open-circuit voltage [Voc]	44.4V	44.5V	45.2V
Optimized cell efficiency [η]	15.9%	16.3%	16.8%

### Limits

Operating temperature	-40°C to +85°C
Maximum system voltage	1000VDC

### Temperature and Coefficients

NOCT	48°C±2°C	
Current temperature coefficient	%/K	0.06±0.01
Voltage temperature coefficient	mV/K	-(116±10)
Power temperature coefficient	%/K	-(0.5±0.05)

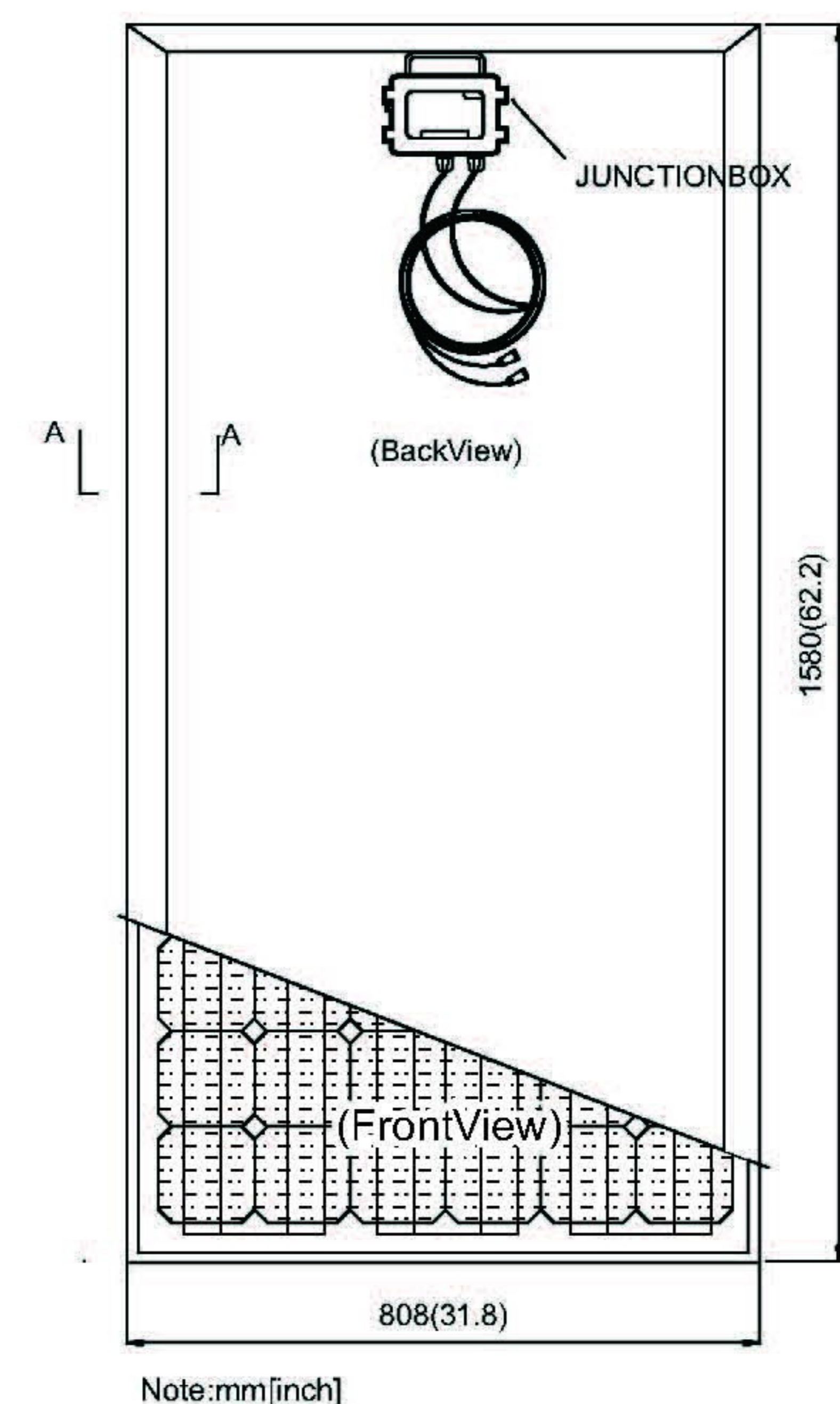
NOCT: Nominal Operation Cell Temperature

### Additional Data

Number of cells and type of connection	72, serial connection
Dimensions	Length: 1580 mm Width: 808 mm Height: 46 mm
Weight	16 kg
Container Loading	588 PCS/40'HQ 532 PCS/40'GP 228 PCS/20'GP

[Standard Conditions: Irradiation 1000W/m<sup>2</sup>; Module temperature 25°C]

Guaranteed Power Output	15 year: 90% of its nominal power rating
	25 year: 80% of its nominal power rating
Warranty Period	Replacement for manufacturing defects within 5 years
Certificates	CE, ISO, IEC 61215 & 61730-2 (TUV), UL 1703/CSA
Cells	xq; Monocrystalline silicon photovoltaic cell



### Characteristics

Module Graph 180W

