

# PWM-8W

# PWM-10W

## Electrical Data

MONO	PWM-8W	PWM-10W
Nominal peak power [Pmax] ±3%	8Wp	10Wp
Maximum power voltage [Vmp]	18V	18V
Maximum power current [Imp]	0.44A	0.56A
Short-circuit current [Isc]	0.48A	0.61A
Open-circuit voltage [Voc]	22.3V	22.5V
Optimized cell efficiency [η]	13.5%	16.8%

## Limits

Operating temperature	-40°C to +85°C
Maximum system voltage	715VDC

## Temperature and Coefficients

NOCT	48°C±2°C	
Current temperature coefficient	%/K	0.06±0.01
Voltage temperature coefficient	mV/K	-(78±10)
Power temperature coefficient	%/K	-(0.5±0.05)

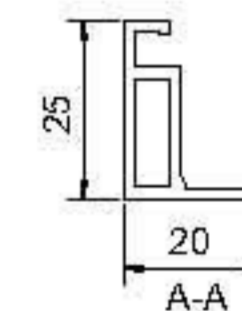
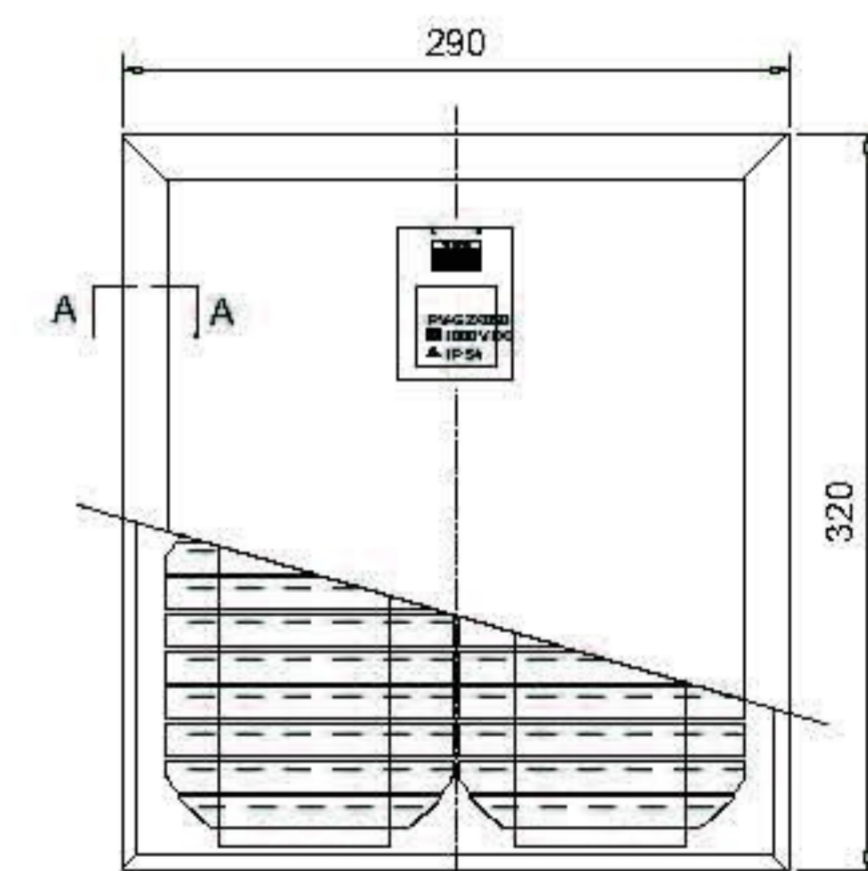
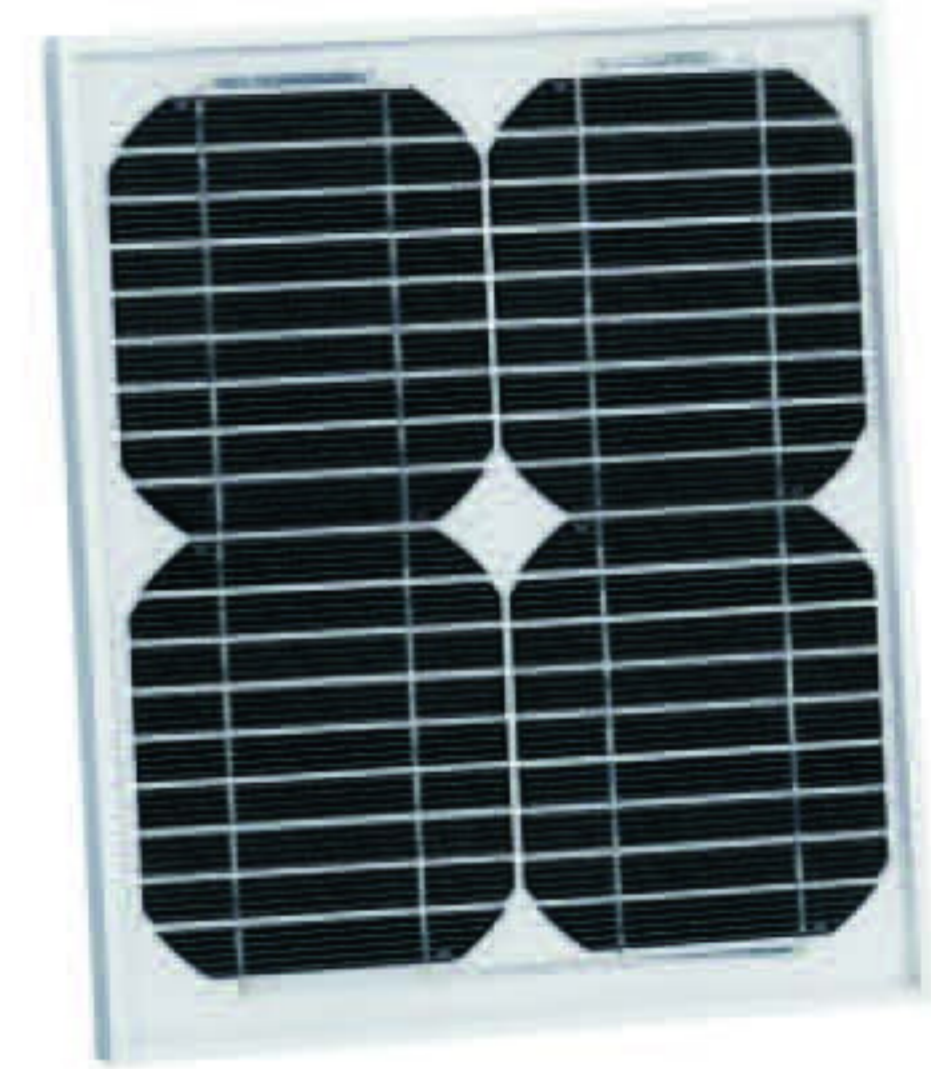
NOCT: Nominal Operation Cell Temperature

## Additional Data

Number of cells and type of connection	4, serial connection
Dimensions	Length: 320 mm Width: 290 mm Height: 25 mm
Weight	1.5 kg
Container Loading	8400PCS/40'HQ 7200PCS/40'GP 3300PCS/20'GP

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

Guaranteed Power Output	15year: 90% of its nominal power rating
	25year: 80% of its nominal power rating
Warranty Period	Replacement for manufacturing defects within 5 years
Certificates	CE, ISO, IEC61215 & 61730-2 (TUV), UL1703/CSA
Cells	xq1; Monocrystalline silicon photovoltaic cell



## Characteristics

Module Graph 10W

