

## PWM-4W

## PWM-5W

### Electrical Data

MONO	PWM-4W	PWM-5W
Nominal peak power [Pmax] ±3%	4Wp	5Wp
Maximum power voltage [Vmp]	18V	18V
Maximum power current [Imp]	0.22A	0.28A
Short-circuit current [Isc]	0.24A	0.3A
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)

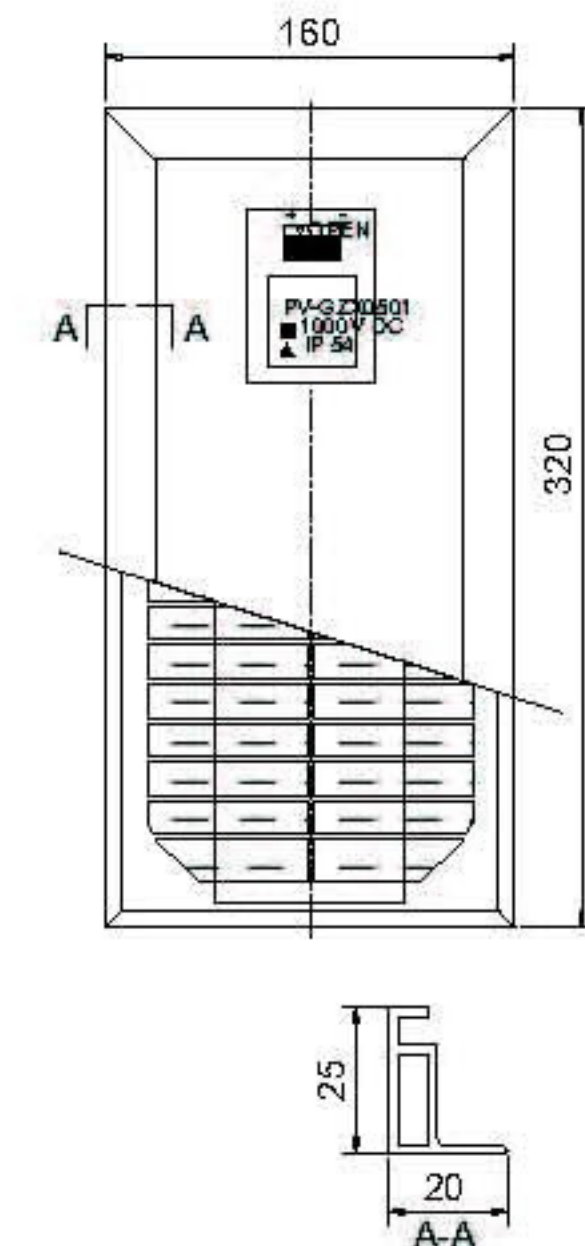
NOCT: Nominal Operation Cell Temperature

### Additional Data

Number of cells and type of connection	2, serial connection
Dimensions	Length: 320 mm Width: 160 mm Height: 25 mm
Weight	1 kg
Container Loading	21600PCS/40'HQ 21600PCS/40'GP 10080PCS/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	xql; Monocrystalline silicon photovoltaic cell



### Characteristics

Module Graph 5W

