

PWM-110W

PWM-120W

PWM-130W

Electrical Data

MONO	PWM-110W	PWM-120W	PWM-130W
Nominal peak power [Pmax] ±3%	110Wp	120Wp	130Wp
Maximum power voltage [Vmp]	18V	18V	18V
Maximum power current [Imp]	6.11A	6.67A	7.22A
Short-circuit current [Isc]	6.65A	7.25A	7.85A
Open-circuit voltage [Voc]	22.4V	22.5V	22.6V
Optimized cell efficiency [η]	13.7%	15.0%	16.2%

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	-(78±10)
Power temperature coefficient	%/K	-(0.5±0.05)

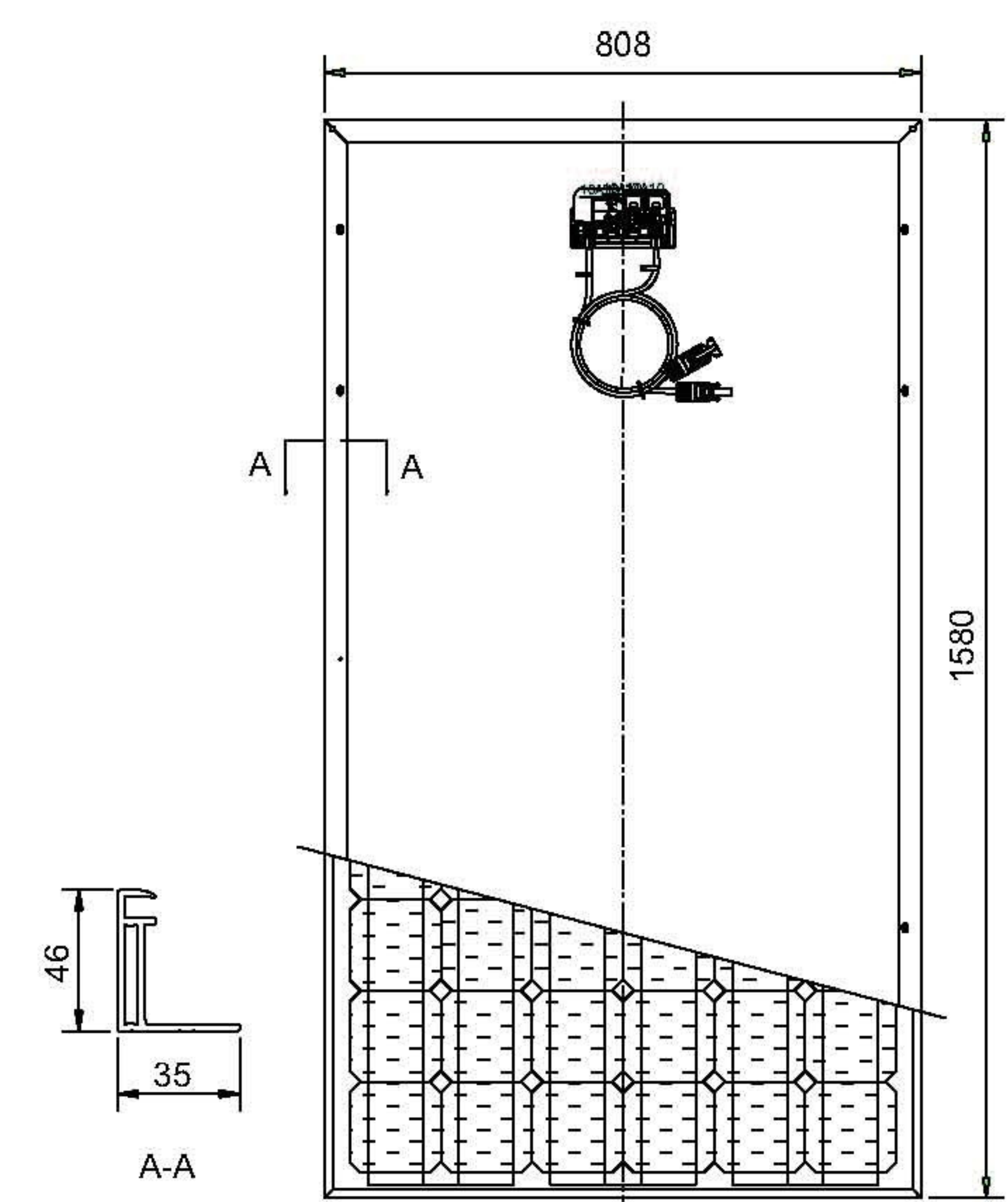
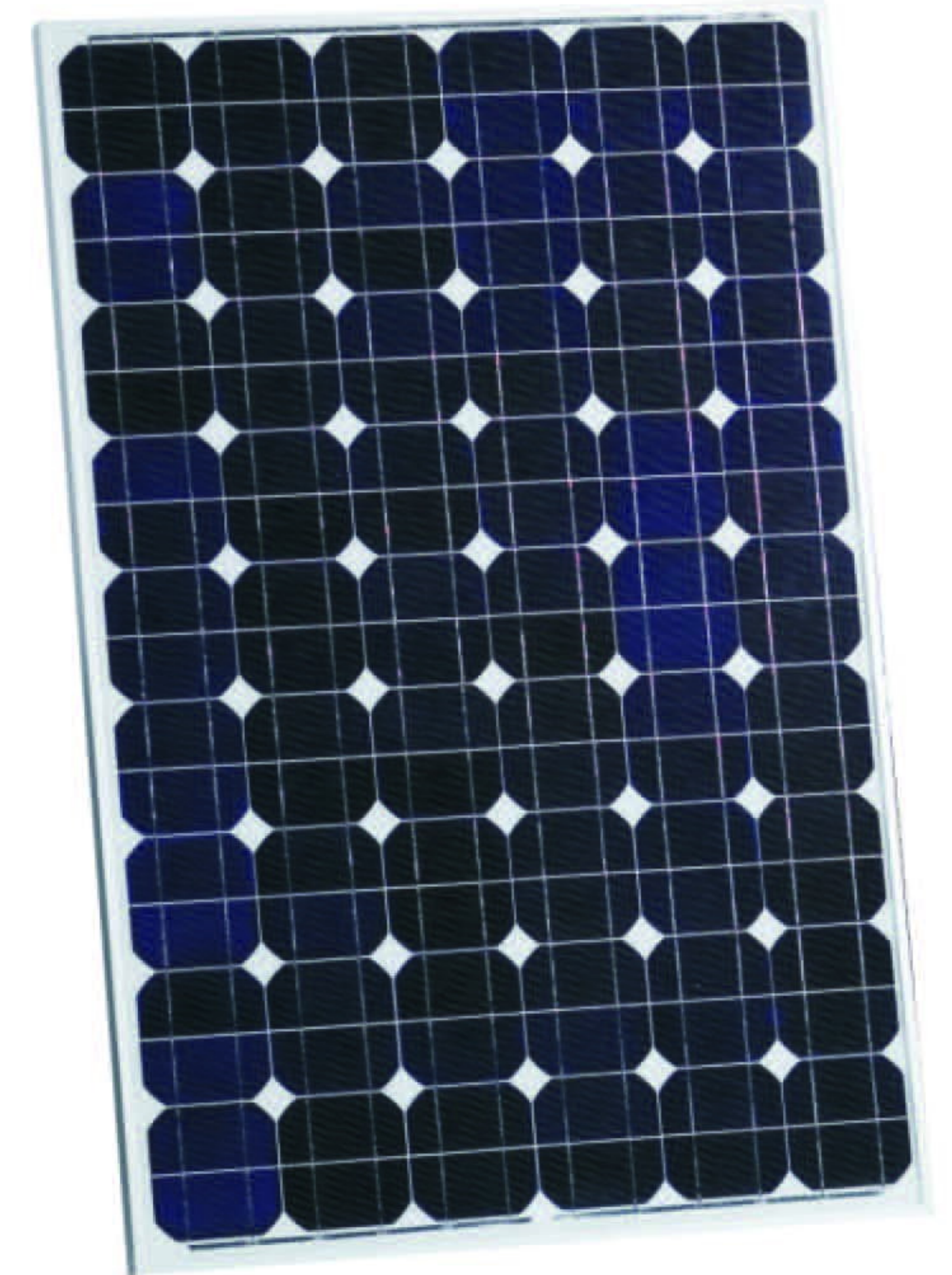
NOCT: Nominal Operation Cell Temperature

Additional Data

Number of cells and type of connection	54, serial connection
Dimensions	Length: 1215mm Width: 800mm Height: 35mm
Weight	11kg
Container Loading	1150PCS/40'HQ 1012PCS/40'GP 440PCS/20'GP

[Standard Conditions: Irradiation 1000W/m²; 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), UL1703/CSA
Cells	xq1; Monocrystalline silicon photovoltaic cell



Characteristics

Module Graph 130W

