

PWM-70W
PWM-80W
PWM-90W

Electrical Data

MONO	PWM-70W	PWM-80W	PWM-90W
Nominal peak power [Pmax] ±3%	70Wp	80Wp	90Wp
Maximum power voltage [Vmp]	18V	18V	18V
Maximum power current [Imp]	3.89A	4.44A	5.0A
Short-circuit current [Isc]	4.23A	4.83A	5.44A
Open-circuit voltage [Voc]	22.4V	22.5V	22.6V
Optimized cell efficiency [η]	13%	15.9%	16.8%

Limits

Operating temperature	-40°Cto+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)

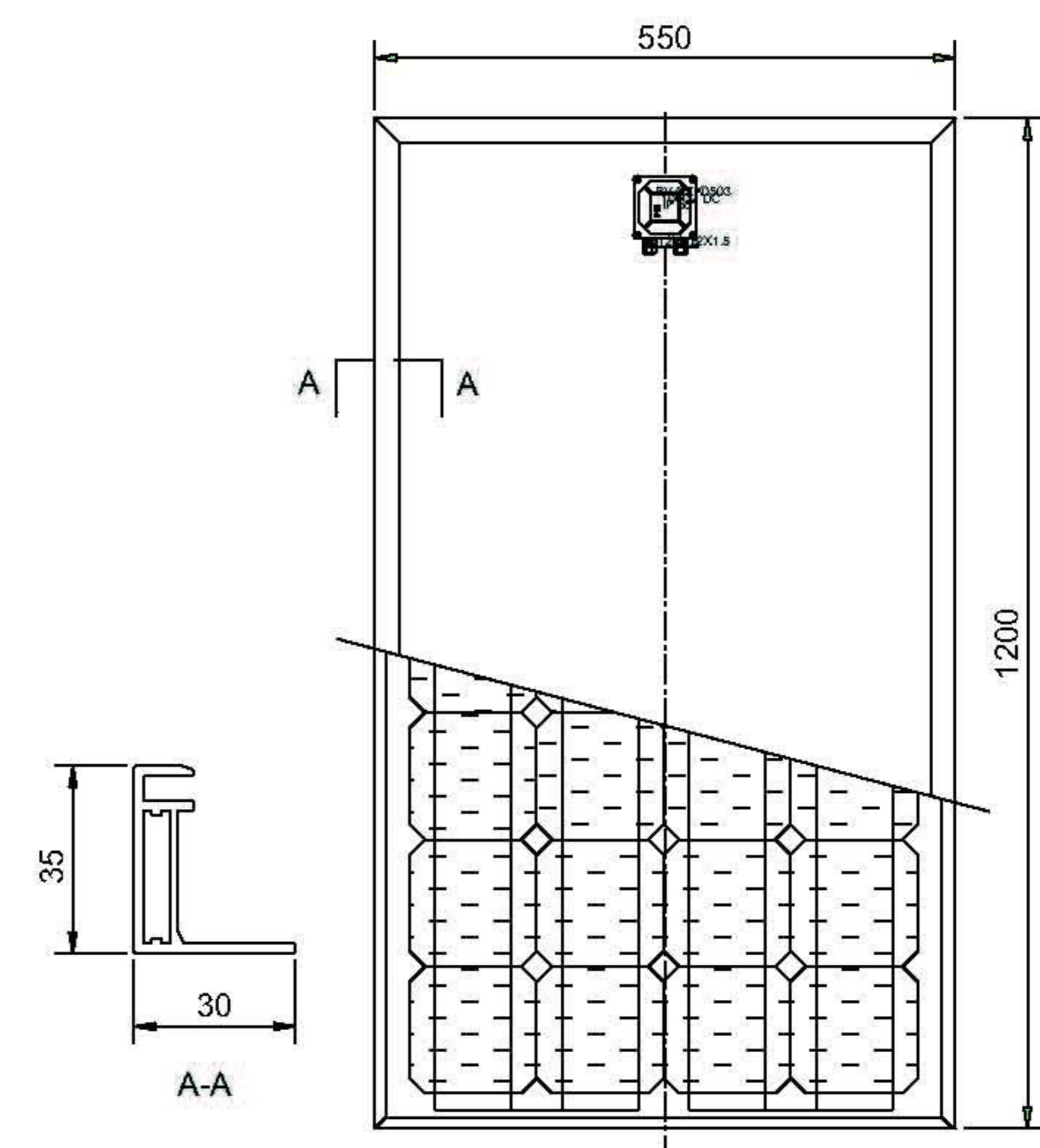
NOCT:Nominal Operation Cell Temperature

Additional Data

Number of cells and type of connection	36,serial connection
Dimensions	Length: 1200 mm Width: 550 mm Height: 35 mm
Weight	8.2 kg
Container Loading	1344PCS/40'HQ 1176PCS/40'GP 546PCS/20'GP

[Standard Conditions: Irradiation 1000W/m² ; 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 90W

