

PWM-210W
PWM-220W
PWM-230W

Electrical Data

MONO	PWM-210W	PWM-220W	PWM-230W
Nominal peak power [Pmax] ±3%	210Wp	220Wp	230Wp
Maximum power voltage [Vmp]	36V	36V	36.2V
Maximum power current [Imp]	5.83A	6.11A	6.35A
Short-circuit current [Isc]	6.34A	6.64A	6.90A
Open-circuit voltage [Voc]	45.4V	45.6V	45.8V
Optimized cell efficiency [η]	15.5%	16.3%	17%

Limits

Operating temperature	-40°Cto+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	-(155±10)
Power temperature coefficient	%/K	-(0.5±0.05)

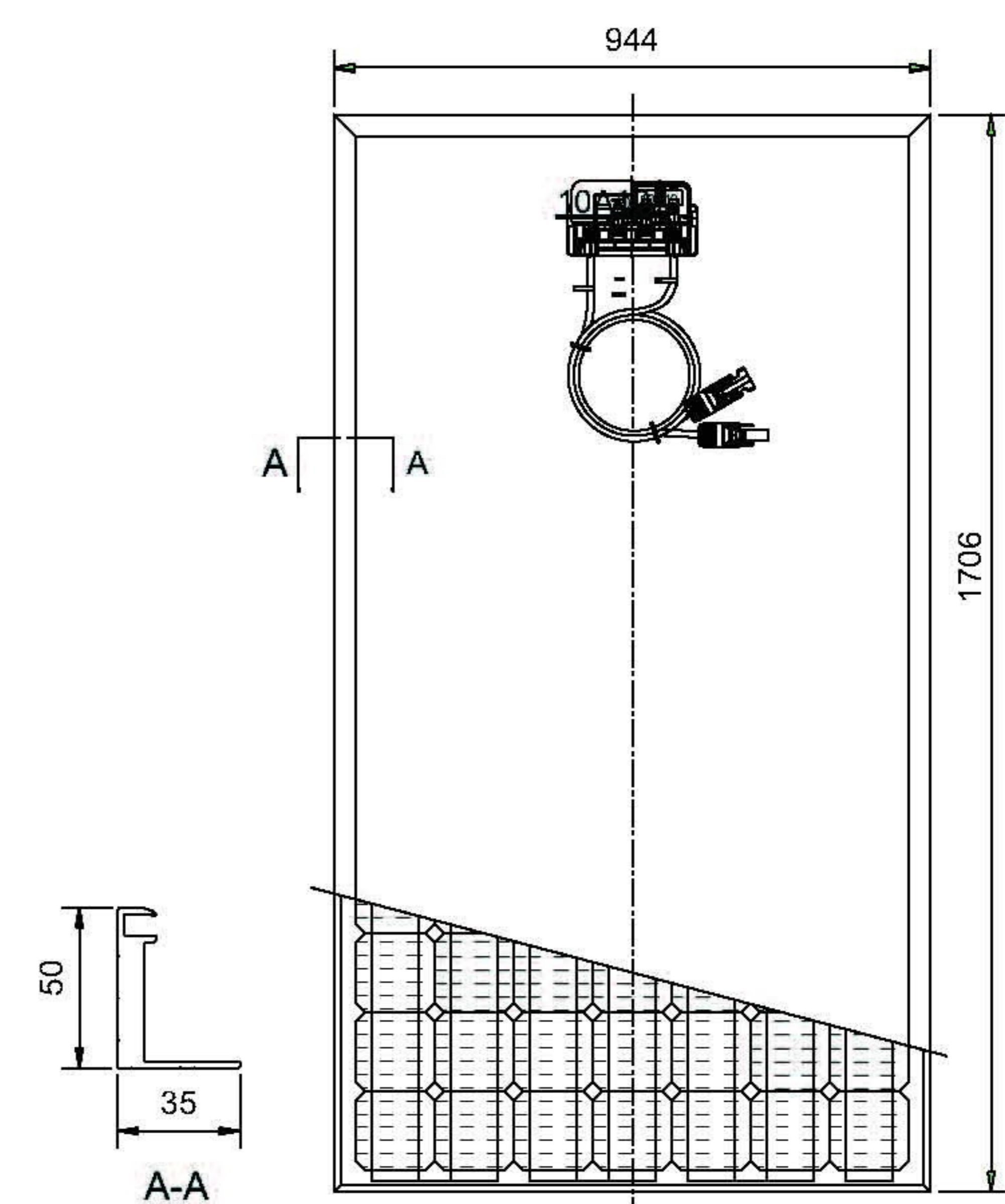
NOCT:Nominal Operation Cell Temperature

Additional Data

Number of cells and type of connection	91,serial connection
Dimensions	Length:1706 mm Width: 944 mm Height: 50 mm
Weight	20 kg
Container Loading	468PCS/40'HQ 416PCS/40'GP 192PCS/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	xqj;Monocrystalline silicon photovoltaic cell



Characteristics

Module Graph 230W

