

PWM-120W/M4X-120

PWM-125W/M4X-125

PWM-130W/M4X-130

Electrical Data

MONO	PWM-120W	PWM-125W	PWM-130W
Nominal peak power [Pmax]	120Wp	125Wp	130Wp
Maximum power voltage [Vmp]	24.0V	24.3V	24.6V
Maximum power current [Imp]	5.0A	5.15A	5.29A
Short-circuit current [Isc]	5.33A	5.44A	5.61A
Open-circuit voltage [Voc]	29.8V	30.14V	30.2V
Optimized cell efficiency [η]	16.6%	17.4%	18.0%

Power Tolerance: ±3%

Limits

Operating temperature	-40°C to +85°C
Maximum system voltage	1000VDC

Temperature and Coefficients

NOCT	48°C ±2°C	
Current temperature coefficient	%/°C	0.037
Voltage temperature coefficient	%/°C	-0.34
Power temperature coefficient	%/°C	-0.48

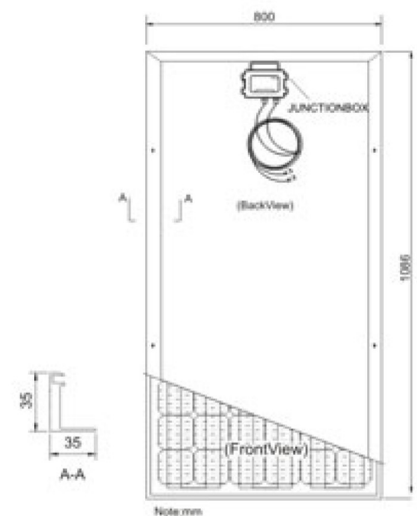
NOCT:Nominal Operation Cell Temperature

Additional Data

Number of cells and type of connection	48,serial connection	
Dimensions	Length: 1086 mm Width: 800 mm Height: 35 mm	
Net Weight	10.2 kgs/pc	
Gross Weight	314kgs/ctn(28pcs/ctn)	23kgs/ctn(2pcs/ctn)
Package Dimension	1141x1140x948mm	1104x830x88mm
Container Loading	1240PCS/40'GP 620PCS/20'GP	62PCS/PALLET 62PCS/PALLET

STC: Irradiance of 1000W/m², Air Mass of 1.5, Cell Temperature of 25°C

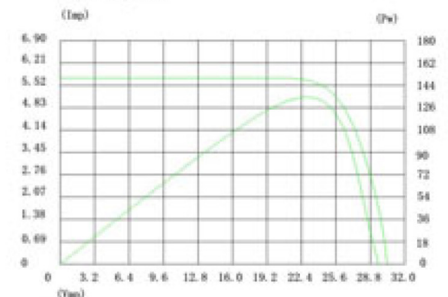
Guaranteed Power Output Warranted Tolerance : ±5%	15 years: 90% of its nominal power rating
	25 years: 80% of its nominal power rating
Impact Resistance	Can bear the force that is generated by one 227g steel ball fall down from 1m height
Warranty Period	10 years: Materials and workmanship defects
Certificates	CE,ISO,IEC61215&61730(TUV),UL1703/CSA,MCS
Cells	Monocrystalline silicon photovoltaic cell



Characteristics

Module Graph 130W

(Top)



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