

Solarpeace 60-125P

P6X-XXX Series (XXX=Pmax)



Electrical Data

Model No.	P6X-XXX	P6X-155	P6X-160	P6X-165	P6X-170
Nominal peak power	Pmax(Wp)	155	160	165	170
Maximum power voltage	Vmp (V)	30.30	30.70	31.10	31.30
Maximum power current	Imp (A)	5.12	5.22	5.31	5.43
Short-circuit current	Isc(A)	5.45	5.50	5.55	5.63
Open circuit voltage	Voc(V)	37.30	38.05	38.65	39.25
Optimized cell efficiency	cη (%)	17.00	17.60	18.20	18.60
Optimized module efficiency	mη(%)	14.57	15.04	15.51	15.98
Power tolerance	%	0 ~ +5			

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

Limits

Operating temperature	°C	-40 ~ +85
Maximum system voltage (UL/IEC Standard)	VDC	600/1000
Fire safety class	/	Class C
Rated mechanical load	Pa	5400

Temperature and Coefficients

NOCT	°C	48±2
Current temperature coefficient	%/°C	0.09
Voltage temperature coefficient	%/°C	-0.43
Power temperature coefficient	%/°C	-0.43

NOCT: Nominal Operation Cell Temperature

Additional Data

Type of cells connection		Serial connection
Number of cells	cells	60
Panel Dimensions (L/W/H)	mm	1330/800/30
Net weight	kgs	12.1
Number of module per pallet	pcs	69
Number of pallet per 40'HQ	Pallets	16
Pallet dimensions (L/W/H)	mm	1380/1120/2210
Gross weight per pallet	kgs	909

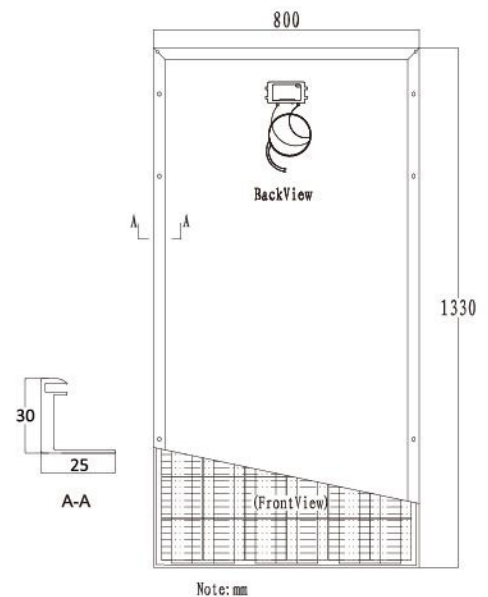
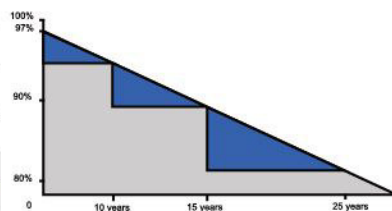
Impact resistance: can bear the force that is generated by one 227g steel ball fall down from 1m height.

Guarantee and Warranty

25 years (80%) life time power output guaranteed.

15 years (90%) life time power output guaranteed.

10 years warranty for materials and workmanship.



IV Curve

