

PWP-230W/P60-230

PWP-235W/P60-235

PWP-240W/P60-240

Electrical Data

POLY	PWP-230W	PWP-235W	PWP-240W
Nominal peak power [Pmax]	230Wp	235Wp	240Wp
Maximum power voltage [Vmp]	30.0V	30.4V	30.8V
Maximum power current [Imp]	7.67A	7.73A	7.8A
Short-circuit current [Isc]	8.22A	8.26A	8.36A
Open-circuit voltage [Voc]	37V	37.5V	37.8V
Optimized cell efficiency [η]	15.80%	16.20%	16.60%

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	%/K	0.06±0.01
Voltage temperature coefficient	mV/K	-(155±10)
Power temperature coefficient	%/K	-(0.5±0.05)

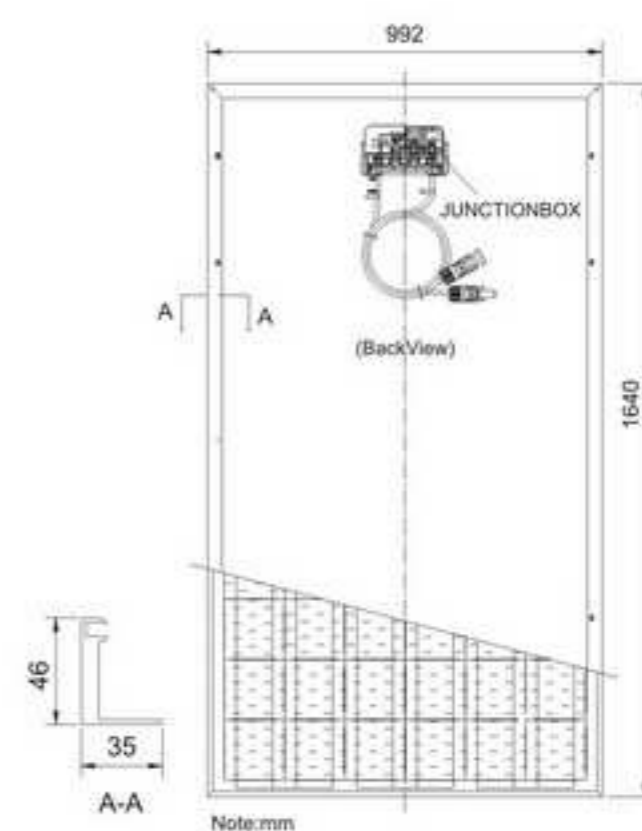
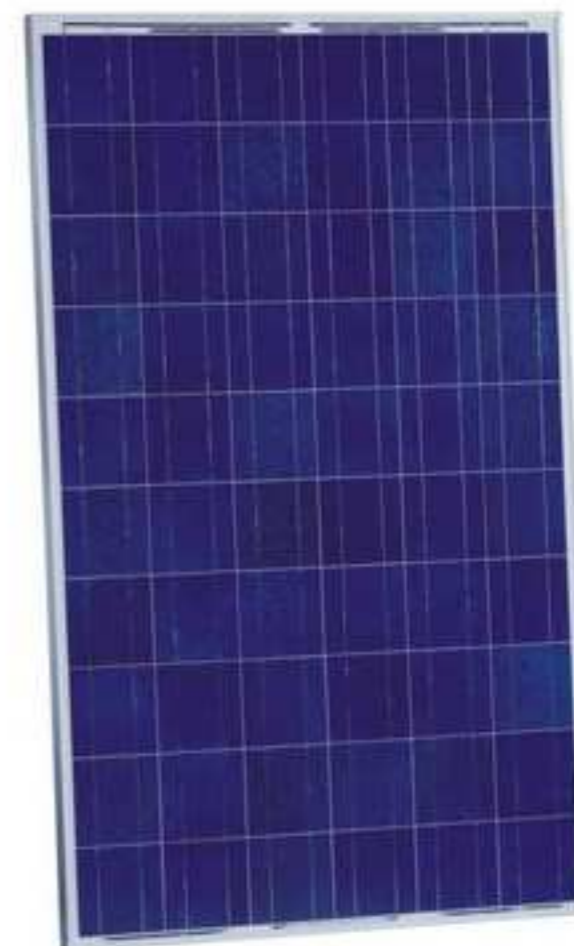
NOCT:Nominal Operation Cell Temperature

Additional Data

Number of cells and type of connection	60,serial connection	
Dimensions	Length:1640 mm Width: 992 mm Height: 46 mm	
Net Weight	20.0 kgs/pc	
Gross Weight	430kgs/ctn(20pcs/ctn)	494kgs/ctn(23pcs/ctn)
Package Dimension	1690x1040x975mm	1690x1040x1115mm
Container Loading	644PCS/40'HQ	23PCS/CTN
	560PCS/40'GP	20PCS/CTN
	240PCS/20'GP	20PCS/CTN

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	Polycrystalline silicon photovoltaic cell



Characteristics

Module Graph 240W

