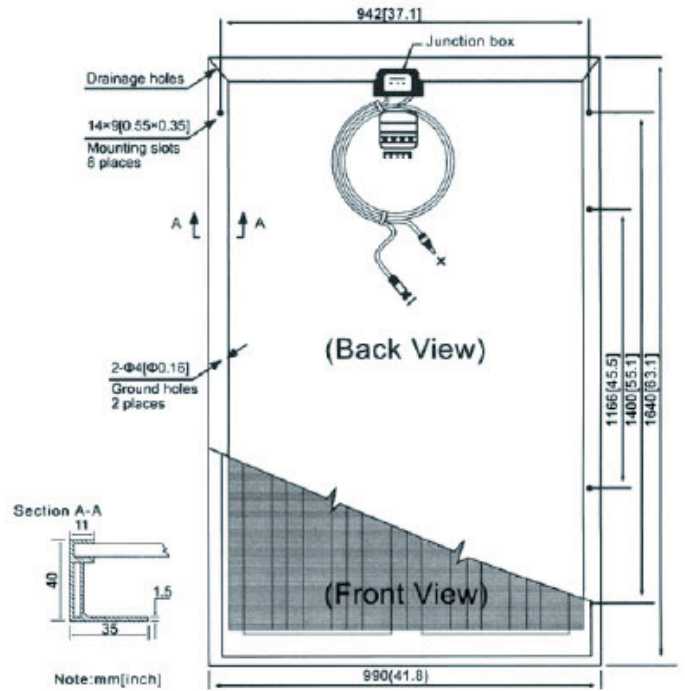


CHN230-60P
 230Watt Polycrystalline Solar Module



Characteristics

Model Number	CHN230-60P
Type	CHN230-60P
Maximum power(Wp)	230Wp
Maximum power voltage(V)	7.79
Maximum power current(A)	37.63
Open circuit voltage (Voc)	37.63
Short circuit current(Isc)	8.38
Cell NOCT < 45.5%	45%
Size of module (mm)	1640*990*40
Brand name of solar cells	Yunfeng
Temperature coefficients of Isc(%)	0.035-0.050%/°C
Temperature coefficients of Voc(%)	-0.30-0.40%/°C
Temperature coefficients of Pm(%)	-0.45%
Temperature coefficients of Im(%)	0.06%
Temperature coefficients of Vm(%)	-0.35%
Temperature range	-40°C ~ +80°C
Tolerance Wattage	+/- 3%
Surface Maximum load capacity	60m/s(200kg/sq.m)
Allowable hail load	steel ball fall down from 1m height
Weight per piece(kg)	18.8kg
Junction box type	Tyco Or Hande PV-A24301
Connectors and cables type	HDC-1 PV1-F
Length of cables(mm)	90mm
Cell efficiency(%)	>17%
Module efficiency(%)	>14%
Output tolerance (%)	+3%
Frame(material, corners, etc)	Aluminium
Standard test conditions	AM1.5 100mW/cm ² 25°C
Warranty	5 years product warranty and 20 years 80%
FF(%)	>=72%
Life	25 years
Delivery time	15 days shipments(mass produced and stocked)