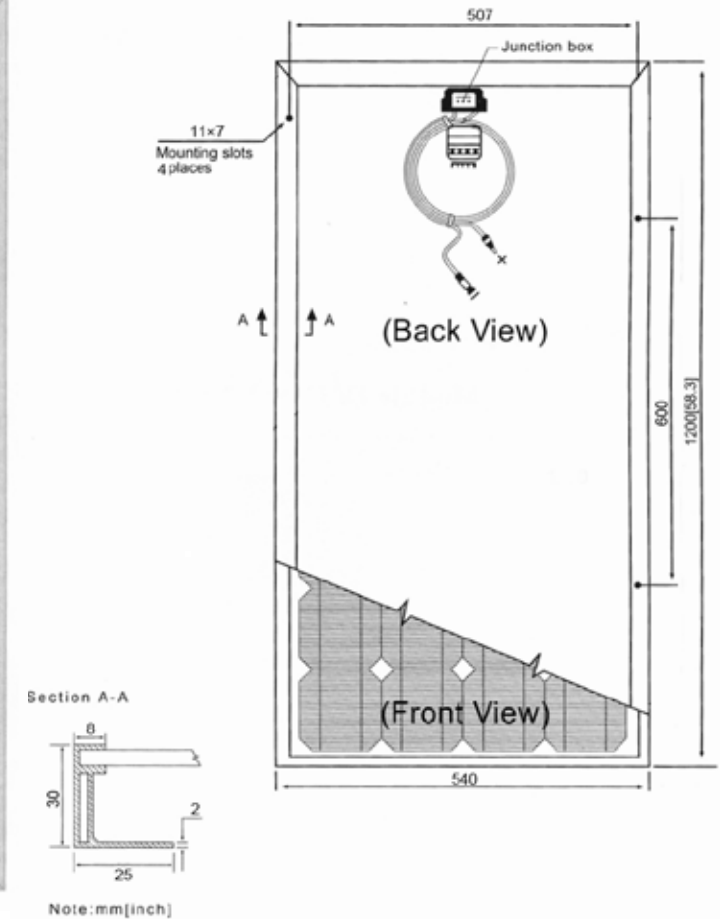
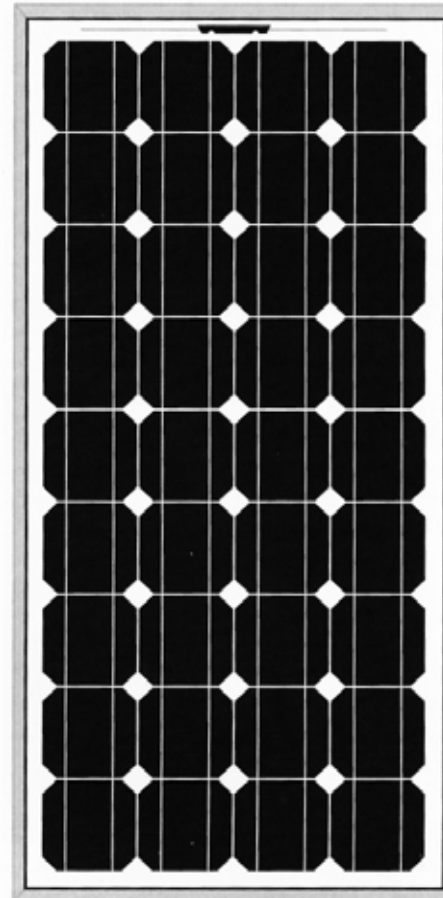


CHN90-36M

HIGH EFFICIENCY MONOCRYSTALLINE SOLAR PANEL

Model :	
Monocrystalline silicon solar panel	CHN90-36M
Specification:	
Cell	Monocrystalline silicon solar cells 125*125mm
No. of cells and connections	36(4*9)
Dimension of module (mm)	1200*540*30
Weight	7.8kg
Limits	
Operating temperature	-40 to+85°C
Maximum system voltage	715 V DC
Temperature and Coefficients	
Nominal Operation Cell Temperature	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)
Characteristics	
Model	CHN90-36M
Open circuit voltage (Voc)	22.3V
Optimum operating voltage (Vmp)	18.7V
Short circuit Current (Isc)	5.36A
Optimum operating current (Imp)	4.84A
Maximum power at STC (Pm)	90Wp
Note: Test condition are STC Irradiance 1000W/m2 with AM 1.5 spectrum, cell temperature 25°C, Test method according to IEC 904-1, Tolerance Efficiency 5% rel.	




Signalling
Surveillance
Metrological



Rural Electrification
Telemetry
Mobile Communications

