



# Chinaland Solar Energy Co., Ltd.

合肥中南光电有限公司

Address: Feidong New City Economic Development Zone, Hefei, 231600,

Anhui Province, PR China

Tel/Fax: +86 551 7759376/7758555

Web: www.chnland.com

E-mail: sabrina.energy@gmail.com

<b>Model :</b>	
Polycrystalline silicon solar panel	CHN5-36P
<b>Specification:</b>	
Cell	Polycrystalline silicon solar cells 52*17.33mm
Cell eff	15.89%
No. of cells and connections	36(4*9)
Dimension of module (mm)	245*220*17
<b>Limits</b>	
Operating temperature	-40 to+85°C
Maximum system voltage	715 V DC
<b>Temperature and Coefficients</b>	
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 )
<b>Characteristics</b>	
Model	CHN5-36P
Panel eff	9.28%
Tolerance	±5%
Open circuit voltage (Voc)	21.5V
Optimum operating voltage ( Vmp )	17.2V
Short circuit Current ( Isc )	0.31A
Optimum operating current ( Imp )	0.29A
Maximum power at STC (Pm )	5Wp

Note: Test condition are STC Irradiance 1000W/m<sup>2</sup> with AM 1.5 spectrum, cell temperature 25°C, Test method according to IEC 904-1, Tolerance Efficiency 5% rel.

\* These columns list typical value of production performance. Just for reference.