



Chinland 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: sabrinahan@chnland.com

Model :	
Polycrystalline silicon solar module	CHN80-40P
Specification:	
Cell	Polycrystalline silicon solar cells 156*78mm
Solar cell efficiency	16.94%
No. of cells and connections	40(4*10)
Dimension of module (mm)	850*670*30
Limits	
Operating temperature	-40 to+85℃
Maximum system voltage	715 V DC
Temperature and Coefficients	
Nominal Operation Cell Temperature	48℃±2℃
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	CHN80-40P
Solar module efficiency	14.05%
Tolerance	-1~+3%
Open circuit voltage (Voc)	25.96V
Optimum operating voltage (Vmp)	20.3V
Short circuit Current (Isc)	4.23A
Optimum operating current (Imp)	3.94A
Maximum power at STC (Pm)	80Wp

Note: Test condition are STC Irradiance 1000W/m² with AM 1.5 spectrum, cell temperature 25℃, Test method according to IEC 904-1, Tolerance Efficiency 5% rel.

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