

**Chinaland Solar Energy Co., Ltd.**

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Model :	
Monocrystalline silicon solar panel	CHN20-36M
Specification:	
Cell	Monocrystalline silicon solar cells 125*31.25mm
No. of cells and connections	36(4*9)
Solar Cell Efficiency	14.67%
Dimension of module (mm)	540*345*30
Nominal voltage	12V
Weight	2.2kg
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	CHN20-36M
Solar Panel Efficiency	10.74%
Tolerance	±5%
Open circuit voltage (Voc)	21.24V
Optimum operating voltage (Vmp)	17.2V
Short circuit Current (Isc)	1.18A
Optimum operating current (Imp)	1.163A
Maximum power at STC (Pm)	20Wp

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.

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