



WELL SOLAR

WARRANTY

No less than 97% output power in the first year. **97%**

No more than 0.7% annual declination since the second year. **0.7%**

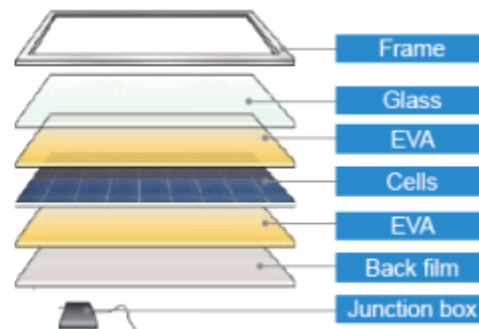
25-year warranty at 80.2% power output. **80.2%**

Product warranty enforced by CHUBB Insurance. **25YEAR**

Enhanced design for easy installation and long-term reliability.



Linear guarantee Figure



Component diagram

POLYCRYSTALLINE SOLAR MODULE

WL72-280P-WL72-300P

Typical Electrical Characteristics

Characteristics	WL72-280P	WL72-285P	WL72-290P	WL72-295P	WL72-300P
Max.Power(Pmax)	280Wp	285Wp	290Wp	295Wp	300Wp
Optimum Operating Voltage(Vm)	35.28V	35.51V	35.75V	36.34V	36.81V
Optimum Operating Current(I _m)	9.94A	8.03A	8.12A	8.12A	8.15A
Open-circuit Voltage(V _{oc})	44.75V	44.86V	45.20V	45.41V	46.17V
Short-circuit Current(I _{sc})	8.45A	8.51A	8.55A	8.55A	8.55A
Cell Efficiency	16%	16.3%	16.6%	16.8%	17.1%

Note: the specifications are obtained under the Standard Test Condition(STC):1000 W/m² solar irradiance, AM1.5, Cell Temperature 25 °C .

Solar Cell	Poly-crystalline 156*156mm
Output Tolerance(Pmax)	0 ~ +3%
Number of cells	72 cells in series
Module Dimension	1956*992*45mm
Weight	23kg
Max.System Voltage	1000V(TUV)/600V(UL)
Max.Series Fuse Rating	15A
Output Cable	PV 4mm2
Cable Length	90cm±5
Number of bypass diodes	6
Temperature cycling range	(-40 ~ 85℃)
NOCT	47℃ ±2℃
Temperature coefficients of Isc	+(0.053±0.01)%/K
Temperature coefficients of Voc	-(0.35±0.001)%/K
Temperature coefficients of Pmax	-(0.40±0.05)%/K
Load Capacity	200pcs/20'GP/528pcs/40'HQ

