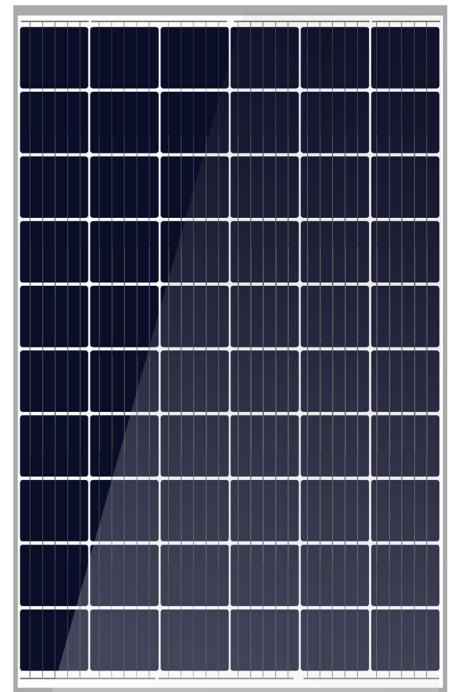


POLY PERC MODULE

270W - 300W

AI-60P-270 | 275 | 280 | 285 | 290 | 295 | 300

- High conversion efficiency due to top quality wafers and advanced cell technology
- Selected encapsulating material and stringent production process control ensure the product is highly PID resistant and snail trails free
- Sand blowing test, salt mist test and ammonia test passed to endure harsh environments
- Optimized system performance due to module level current sorting
- Special cell process ensures great performance under low irradiance conditions
- Highly transparent self-cleaning glass brings additional yield and easy maintenance



ELECTRICAL DATA STC*

Module Name	AI-60P-270w	AI-60P-275w	AI-60P-280w	AI-60P-285w	AI-60P-290w	AI-60P-295w	AI-60P-300w
Normal Max power(Pmax)	270W	275W	280W	285W	290W	295W	300W
Opt.Operating Voltage(Vmp)	31.20	31.40	31.60	31.80	32.20	32.40	32.60
Opt.Operating Current(Imp)	8.65	8.76	8.86	8.96	9.01	9.10	9.20
Open Circuit Voltage(Voc)	38.30	38.50	38.70	38.90	39.70	40.00	40.30
Short Circuit Current(Isc)	9.29	9.38	9.46	9.54	9.69	9.74	9.79
Module Efficiency(%)	16.6	16.9	17.2	17.5	17.8	18.1	18.4
Power Output Tolerance(w)	0 ~ + 5 w						

Irradiance 1000W/M², Module Temperature 25⁰C, Air mass 1.5

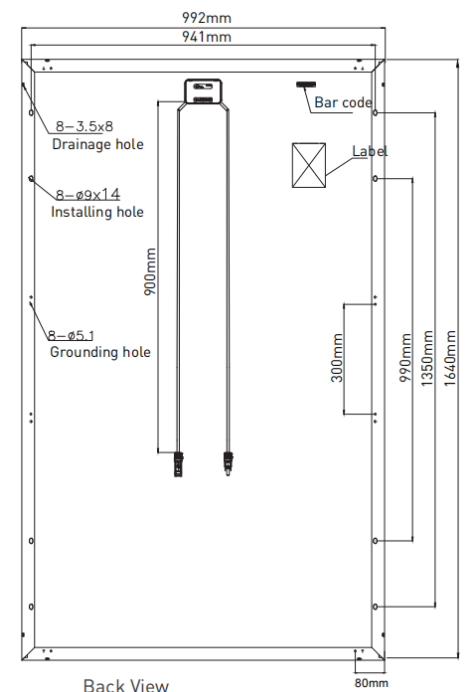
ELECTRICAL DATA NMOT*

Normal Max power(Pmax)	201w	204w	207w	211w	215w	219w	322w
Opt.Operating Voltage(Vmp)	28.80	29.00	29.20	29.40	29.70	30.00	30.20
Opt.Operating Current(Imp)	6.98	7.05	7.12	7.19	7.27	7.32	7.37
Open Circuit Voltage(Voc)	35.60	35.80	36.00	36.20	36.40	36.50	36.60
Short Circuit Current(Isc)	7.50	7.57	7.64	7.70	7.83	7.87	7.91

Irradiance 800W/M², Ambient Temperature 20⁰C, Wind Speed 1 m/s

MECHANICAL DATA

Number of cells	60Cells [6x10] Polycrystalline 157mm
Dimensions of Modle L*M*H[mm]	1640x992x35mm[64.56x39.05x1.38 inches]
Glass	High transparency solar glass 3.2mm[0.13inches]
Backsheet	White
Frame	Sliver,anodized aluminium alloy
Junction-Box	IP68 rated
Cable	4.0mm ² [0.006 inches ²],900mm[35.4inches]
Number of diodes	3
Wind of Snow Load	2400Pa/5400Pa*
Connector	MC Compatible
Packaging Configuration	30pieces/pallet,896pcs/40HQ container



I-V CURVES

