

## POLY PERC MODULE

325W - 350W | 157mm

AI-72P-325 | 330 | 335 | 340 | 345 | 350



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



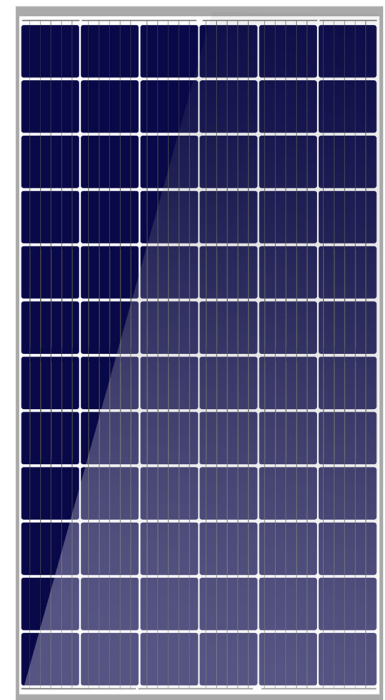
Optimized system performance due to module level current sorting



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-72P-325w | AI-72P-330w | AI-72P-335w | AI-72P-340w | AI-72P-345w | AI-72P-350w |
|----------------------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Normal Max power(Pmax)     | 325W        | 330W        | 335W        | 340W        | 345W        | 350W        |
| Opt.Operating Voltage(Vmp) | 37.60       | 37.80       | 38.00       | 38.20       | 38.47       | 38.85       |
| Opt.Operating Current(Imp) | 8.64        | 8.73        | 8.82        | 8.90        | 9.46        | 9.50        |
| Open Circuit Voltage(Voc)  | 46.00       | 46.20       | 46.40       | 46.60       | 46.80       | 47.00       |
| Short Circuit Current(Isc) | 9.24        | 9.33        | 9.41        | 9.49        | 10.06       | 10.07       |
| Module Efficiency(%)       | 16.7        | 17.0        | 17.3        | 17.5        | 17.8        | 18.0        |
| Power Output Tolerance(w)  | 0 ~ + 5 w   |             |             |             |             |             |

Irradiance 1000W/M<sup>2</sup>, Module Temperature 25°C, Air mass 1.5

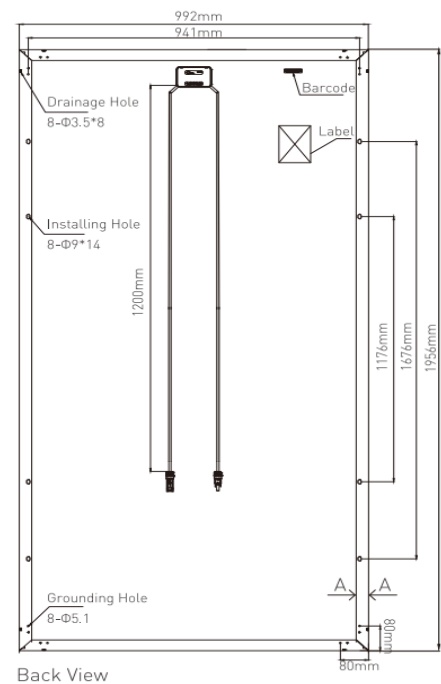
## ELECTRICAL DATA NMOT\*

|                            |         |         |         |         |         |         |
|----------------------------|---------|---------|---------|---------|---------|---------|
| Normal Max power(Pmax)     | 241.17w | 245.00w | 248.86w | 252.75w | 256.77w | 260.82w |
| Opt.Operating Voltage(Vmp) | 34.70   | 34.90   | 35.10   | 35.30   | 35.50   | 35.7    |
| Opt.Operating Current(Imp) | 6.95    | 7.02    | 7.09    | 7.16    | 7.53    | 7.56    |
| Open Circuit Voltage(Voc)  | 42.80   | 42.90   | 43.10   | 43.30   | 43.50   | 43.70   |
| Short Circuit Current(Isc) | 7.46    | 7.53    | 7.60    | 7.66    | 8.12    | 8.13    |

Irradiance 800W/M<sup>2</sup>, Ambient Temperature 20°C, Wind Speed 1 m/s

## MECHANICAL DATA

|                               |   |
|-------------------------------|---|
| Number of cells               | 72cells [6x12] Polycrystalline 157mm                                |
| Dimensions of Modle L*M*H[mm] | 1956x992x35mm [77x39.05x1.38 inches]                                |
| Glass                         | High transparency solar glass 3.2mm [0.13inches]                    |
| Backsheet                     | White   |
| Frame                         | Sliver, anodized aluminium alloy                                    |
| Junction-Box                  | IP68 rated  |
| Cable                         | 4.0mm <sup>2</sup> [0.006 inches <sup>2</sup> ], 900mm [35.4inches] |
| Number of diodes              | 3   |
| Wind of Snow Load             | 2400Pa/5400Pa*  |
| Connector                     | MC Compatible   |
| Packaging Configuration       | 26pieces/pallet, 594pcs/40HQ container                              |



## I-V CURVES

