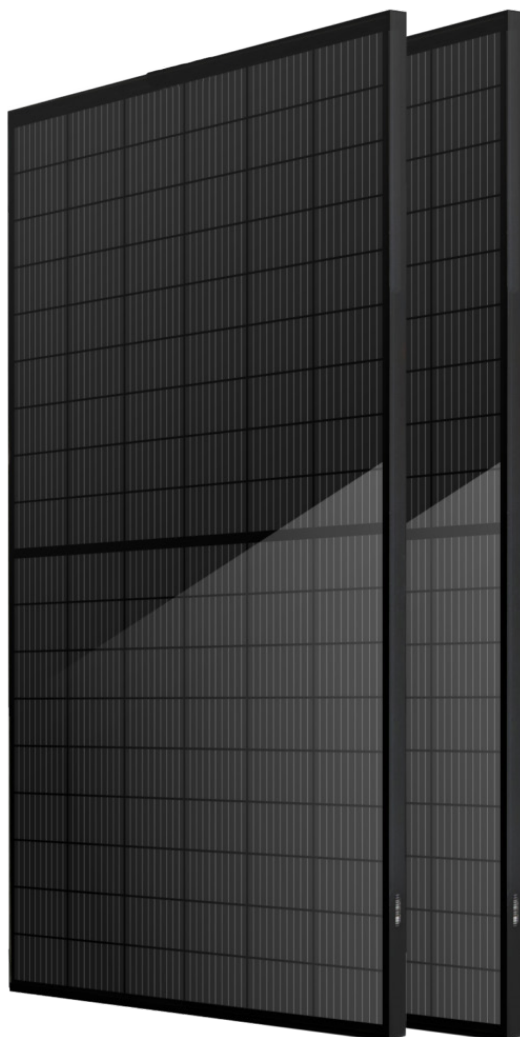
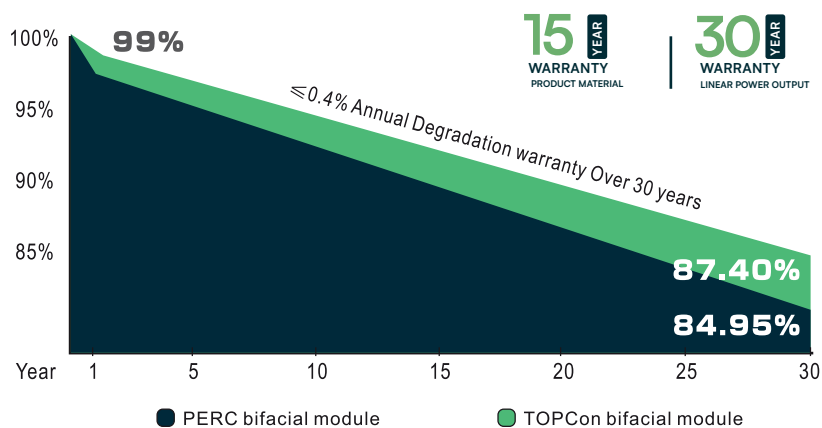




**430W**

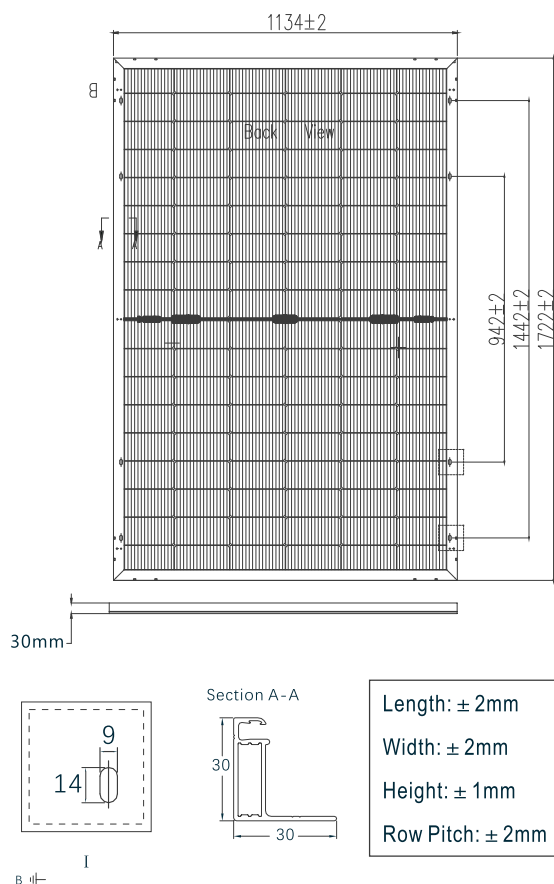
DOUBLE GLASS BIFACIAL- N TYPE

SKU: 11850u



**CERTIFIED**  
**BABT 8532-169**

## ENGINEERING DRAWING



|                                            | STC          | NOCT  |
|--------------------------------------------|--------------|-------|
| Max. Power at STC (P <sub>mp</sub> /W)     | 430          | 320   |
| Output Tolerance (W)                       | 0~+5         | 0~+5  |
| Max. Power Voltage (V <sub>mp</sub> /V)    | 31.8         | 39.3  |
| Max. Power Current (I <sub>mp</sub> /A)    | 13.52        | 10.95 |
| Open Circuit Voltage (V <sub>oc</sub> /V)  | 38.0         | 34.6  |
| Short Circuit Current (I <sub>sc</sub> /A) | 14.24        | 11.49 |
| Module Efficiency (%)                      | 22.02        |       |
| Maximum system voltage                     | DC1500V(IEC) |       |
| Maximum series fuse rating                 | 25A          |       |
| Power Tolerance                            | 0~+5 Watt    |       |

\*STC : Cell temperature: 25 C, Irradiance: 1000 W/m<sup>2</sup>, Air mass: 1.5G

\*NOTC : Air temperature: 20 C, Irradiance: 800 W/m<sup>2</sup>, Air mass: 1.5G, Wind speed: 1 m/s

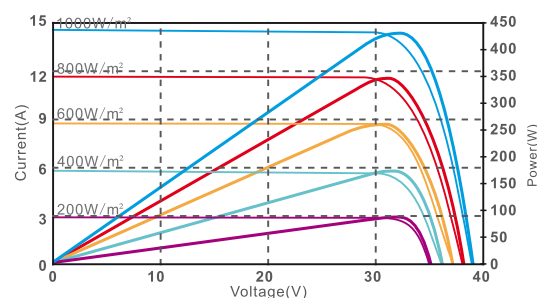
## MECHANICAL PARAMETERS

|                                             |                   |
|---------------------------------------------|-------------------|
| Cell Type(mm)                               | 182*182 N Type    |
| Dimensions (L*W*H) (mm)                     | 1722*1134*30      |
| Weight (kg)                                 | 24.9              |
| Cable Cross Section Size (mm <sup>2</sup> ) | 4                 |
| No. of Cells & Connections                  | 108(6*9*2)        |
| Junction Box                                | IP68, 3 diodes    |
| Connector                                   | Mc4 Compatible    |
| Glass Thickness (mm)                        | 2.0               |
| Fire Rated Test                             | Class I (UNI9177) |

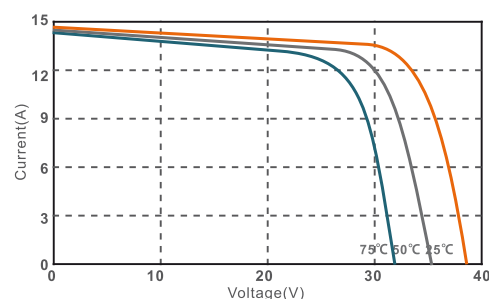
## TEMPERATURE COEFFICIENTS

|                                             |             |
|---------------------------------------------|-------------|
| Operating Temperature                       | 40°C~85°C   |
| Temperature Coefficient of P <sub>max</sub> | -0.30 %/°C  |
| Temperature Coefficient of V <sub>oc</sub>  | 0.250 %/°C  |
| Temperature Coefficient of I <sub>sc</sub>  | -0.046 %/°C |
| Nominal operating cell temperature (NOCT)   | 43±2 °C     |

I-V characteristics at different irradiances



I-V characteristics at different temperature



## PACKING CONFIGURATION

Two Box=One pallet

36pcs/Box, 72pcs/Pallet, 936pcs/40HQ Container