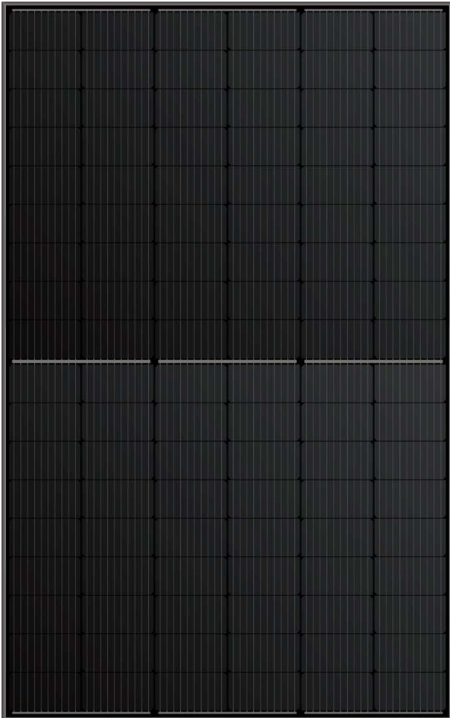


### KEY FEATURES



High module efficiency through superior manufacturing technology



No power loss thanks to improved temperature co-efficient caused by 11 busbar solar cell



Strictly control the micro-crack of solar cells and the other non visible defect of internal modules



Module can bear snow loads up to 5400Pa and wind loads up to 2400Pa



Manufactured according to and certified international I Quality and Environment Management System



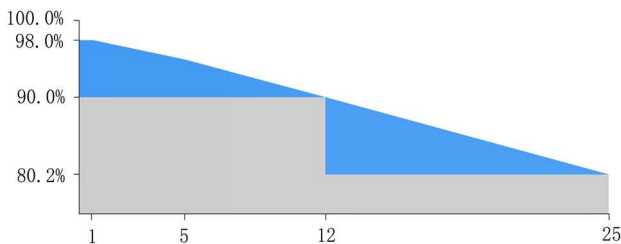
Using advanced low reflection and high light transmission glass and cell sheet surface cutting technology, in the weak light environment can also play a good performance.

### CERTIFICATE

- IEC61215,IEC61730,CQC、CE、TUV
- ISO9001:2015
- ISO14001:2015
- ISO45001:2018



25 Years Power Output Warranty



### WARRANTY



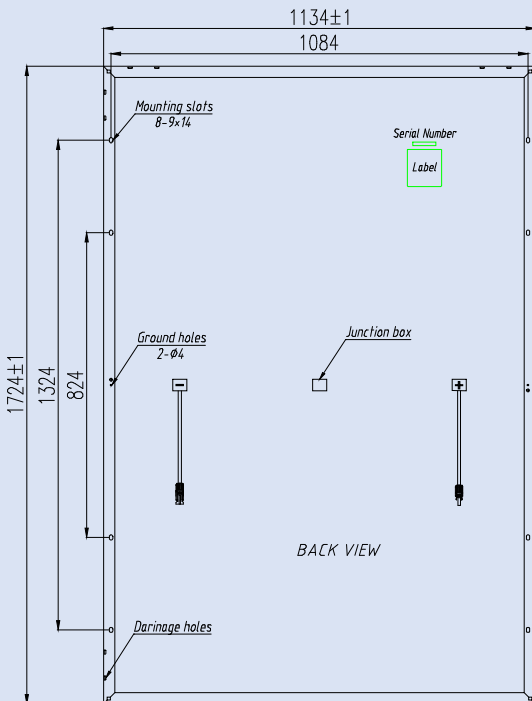
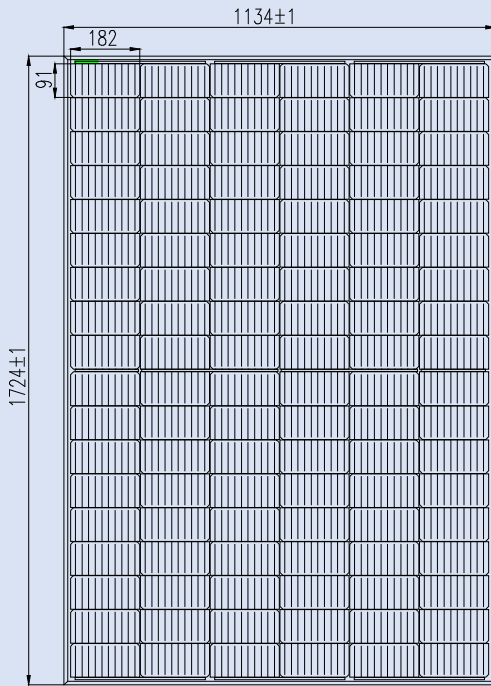
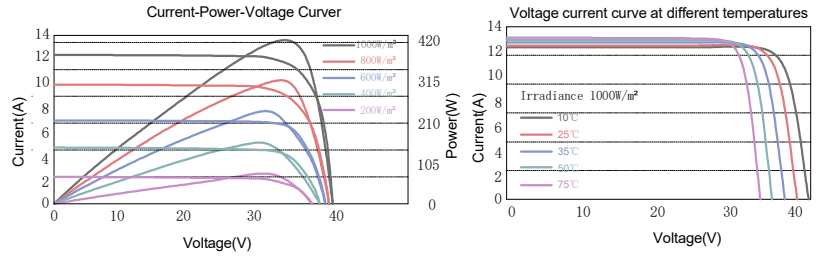
Linear power output warranty  
-12 years minimum 90.0% power output  
-25 years minimum 80.2% power output



Product warranty on materials and workmanship  
According to the applicable UKE Solar  
Limited Warranty Statement



## IV-CURVES



## ELECTRICAL CHARACTERISTICS

| Model   | UKE395M10-54HB | UKE400M10-54HB | UKE405M10-54HB | UKE410M10-54HB |
|---|----------------|----------------|----------------|----------------|
| Maximum Power at STC(Pmax)                                | 395W           | 400W           | 405W           | 410W           |
| Optimum Operating Voltage (Vmp)                           | 31.01V         | 31.18V         | 31.35V         | 31.52V         |
| Optimum Operating Current (Imp)                           | 12.74A         | 12.83A         | 12.92A         | 13.01A         |
| Open-Circuit Voltage (Voc)                                | 37.04V         | 37.21V         | 37.38V         | 37.55V         |
| Short-Circuit Current (Isc)                               | 13.58A         | 13.67A         | 13.76A         | 13.85A         |
| Solar Module Efficiency (%)                               | 20.2           | 20.5           | 20.7           | 21.0           |
| Operating Temperature                                     | -40to85°C      |                |                |                |
| Maximum System Voltage                                    | DC1500V        |                |                |                |
| Maximum Series Fuse Rating                                | 25A            |                |                |                |
| Power Tolerance   | 0~+3%          |                |                |                |
| STC:Irradiance 1000W/m², Modules Temperature 25°C, AM=1.5 |                |                |                |                |

## MECHANICAL CHARACTERISTICS

|                                 |            |
|---------------------------------|------------|
| NOCT                            | 43±2°C     |
| Temperature Coefficient of Pmax | -0.35%/°C  |
| Temperature Coefficient of VOC  | -0.28%/°C  |
| Temperature Coefficient of ISC  | +0.048%/°C |

## TEMPERATURE COEFFICIENTS

|                       |  |
|-----------------------|--|
| No.of cells           | Mono PERC 182mm 108(6×9+6×9)                   |
| Dimensions            | 1724mm*1134mm*35mm                             |
| Weight                | 20.8kg   |
| Front glass           | 3.2mm tempered glass                           |
| Frame                 | Anodized aluminum alloy                        |
| Junction box          | IP68, three diodes                             |
| Connector             | Plug and socket                                |
| Output cables         | PV 4.0mm², 0.3m                                |
| Packing Specification | 31 pcs/Pallet, 186 pcs/ 20'GP; 806 pcs/ 40'HQ; |

