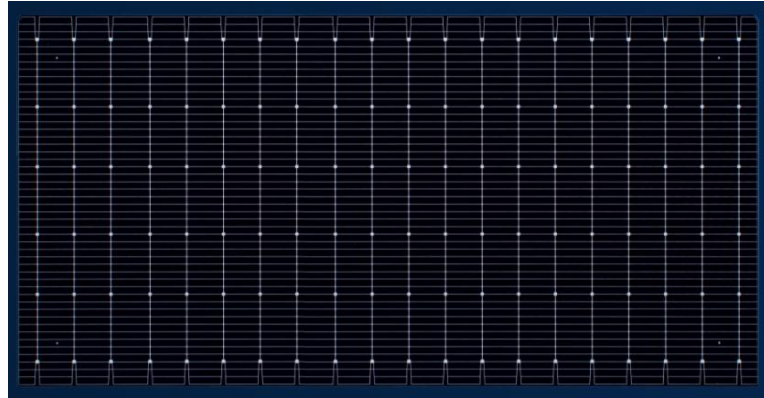
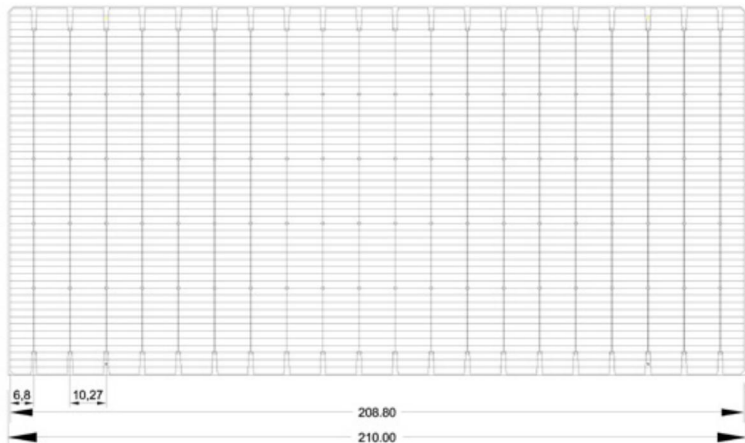
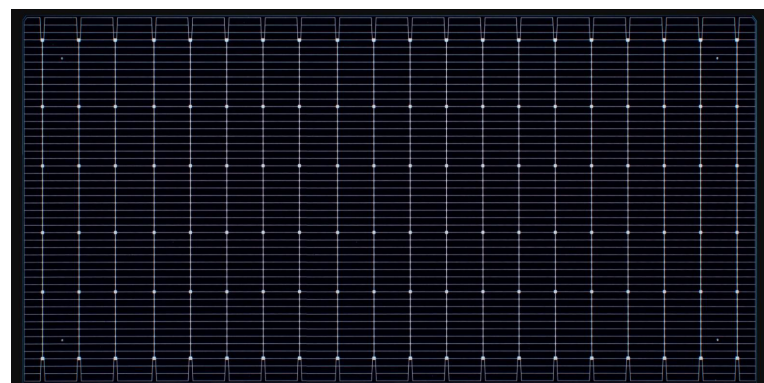
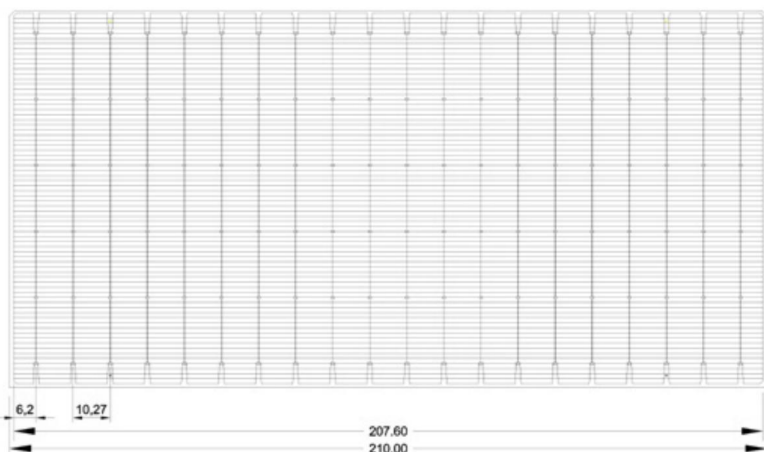


Front side



Real side



MECHANICAL DATA AND DESIGN

Format 210mm×105mm±0.25mm

Diameter 223±0.25mm(round chamfers)

Thickness 130μm +20/-10μm

Front(-) 20*0.06mm wide bus bars,

54 finger grids (Silicon nitride) ITO

Back(+) 20*0.06mm wide bus bars wide discontinuous soldering pads

74Aluminum fingers (Silicon nitride) ITO

TEMPERATURE COEFFICIENTS

Voltage -0.27%/K

Current +0.055%/K

Power -0.26%/K

PACKAGE

132pcs per box

2376pcs per carton

24cartons per pallet

Product Feature

High conversion efficiency up to 25.60%

LID Non

PID Non

Power temperature coefficient $\leq -0.27\%/^{\circ}\text{C}$

Weak light response ($200\text{w}/\text{m}^2$) $\geq 95\%$

Lower CTM loss, better for the high efficiency module

Quality Control

The accuracy of the efficiency test is controlled at $\pm 0.1\%$

100% automatic inspection of IV/EL/Appearance

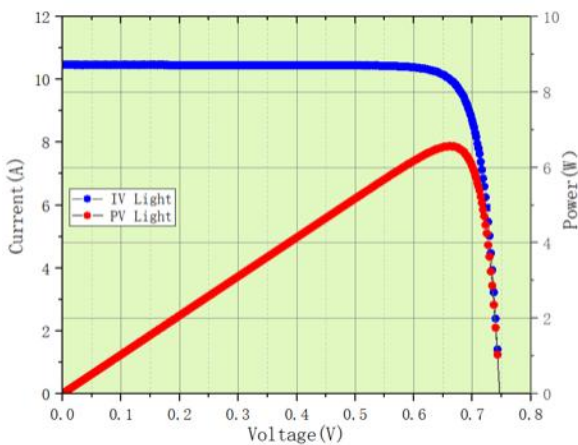
Calibration cell source to fraunhofer ISE

| Efficiency(%) | Pmpp(W) | Ump(V) | Ipp(A) | Uoc(V) | Isc(A) |
|---------------|---------|--------|--------|--------|--------|
| 25.60 | 5.65 | 0.6725 | 8.3957 | 0.7480 | 8.7682 |
| 25.50 | 5.62 | 0.6713 | 8.3782 | 0.7477 | 8.7564 |
| 25.40 | 5.60 | 0.6701 | 8.3607 | 0.7472 | 8.7447 |
| 25.30 | 5.58 | 0.6701 | 8.3319 | 0.7467 | 8.7322 |
| 25.20 | 5.56 | 0.6692 | 8.3139 | 0.7464 | 8.7205 |
| 25.10 | 5.54 | 0.6680 | 8.2984 | 0.7464 | 8.7058 |
| 25.00 | 5.52 | 0.6669 | 8.2809 | 0.7462 | 8.6905 |
| 24.90 | 5.50 | 0.6655 | 8.2649 | 0.7459 | 8.6787 |

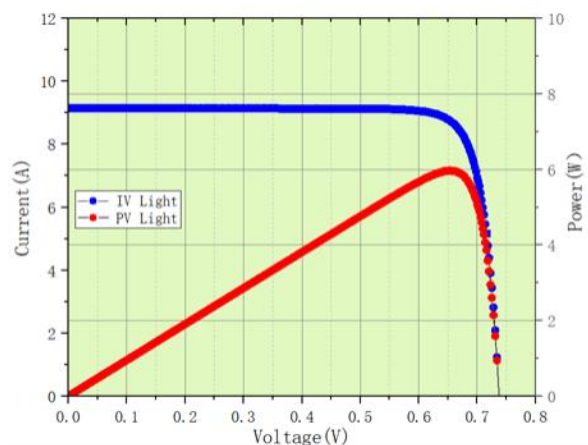
Standard test conditions: $1000\text{w}/\text{m}^2$, AM 1.5, 25°C

Specifications and data are only for reference

Front IV



Back IV



Specifications subjects to technical changes and tests. HD Solar reserves the right of final interpretation.

Specifications subject to technical changes 10.2023 HD Solar

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