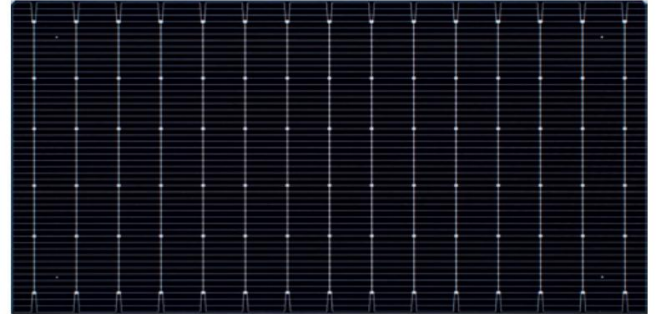
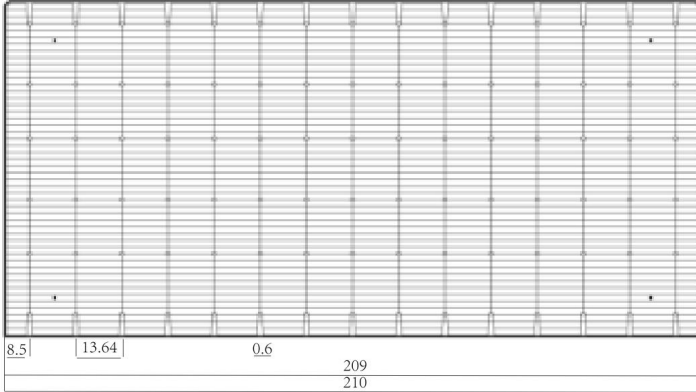
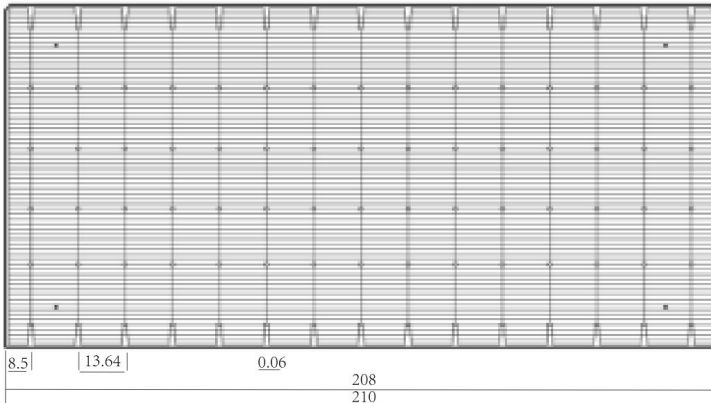


Front side



Real side



MECHANICAL DATA AND DESIGN

Format 210mm×105mm±0.25mm

Diameter 223±0.25mm(round chamfers)

Thickness 130μm±20μm

Front(-) 15*0.06mm wide bus bars,

54 finger grids (Silicon nitride) TCO

Back(+) 15*0.06mm wide bus bars wide discontinuous soldering pads

74Aluminum fingers (Silicon nitride) TCO

TEMPERATURE COEFFICIENTS

Voltage -0.27%/K

Current +0.055%/K

Power -0.26%/K

Product Feature

High conversion efficiency up to 25.20%

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

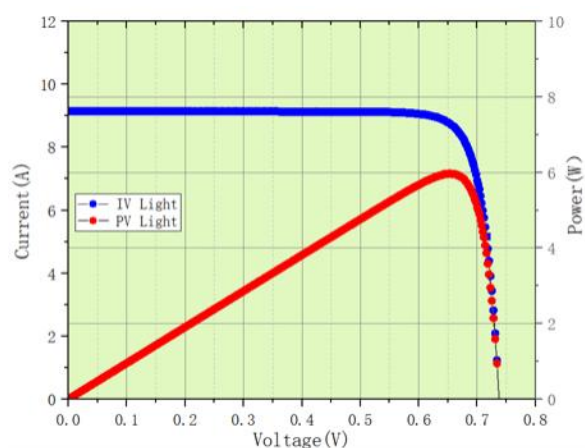
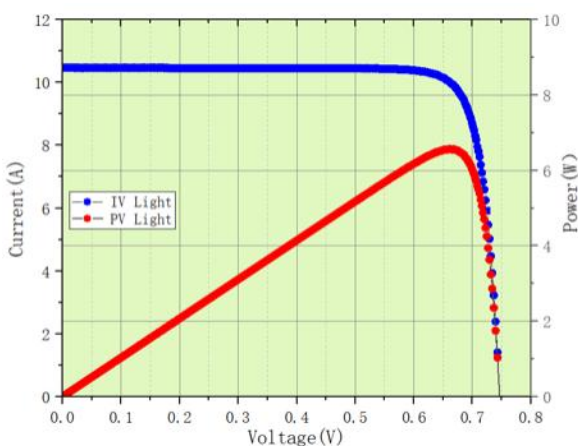
Efficiency(%)	Pmpp(W)	Ump(V)	Imp(A)	Uoc(V)	Isc(A)	FF(%)
25.00	5.51	0.675	8.166	0.7487	8.573	85.89
24.90	5.49	0.674	8.145	0.7484	8.560	85.78
24.80	5.47	0.673	8.123	0.7482	8.554	85.47
24.70	5.45	0.672	8.116	0.7484	8.553	85.24
24.60	5.43	0.671	8.093	0.7472	8.542	85.11
24.50	5.41	0.670	8.076	0.7470	8.541	84.80
24.40	5.39	0.668	8.061	0.7469	8.541	84.46
24.30	5.37	0.667	8.046	0.7465	8.536	84.24
24.20	5.35	0.666	8.033	0.7461	8.530	84.01

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 8.2022 HD Solar

HD SOLAR POWER LIMITED

Tel:86-18688922286

Email:hdosolar@hdosolar.com

Http://www.hdosolar.com