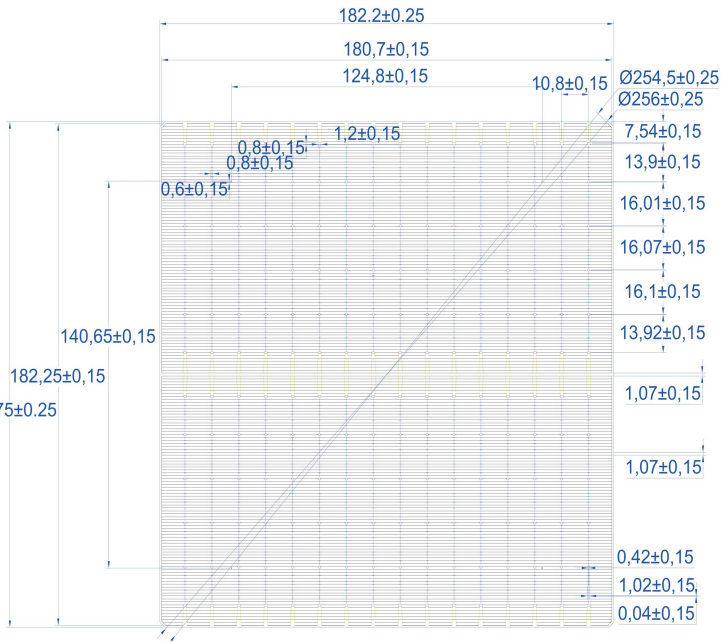


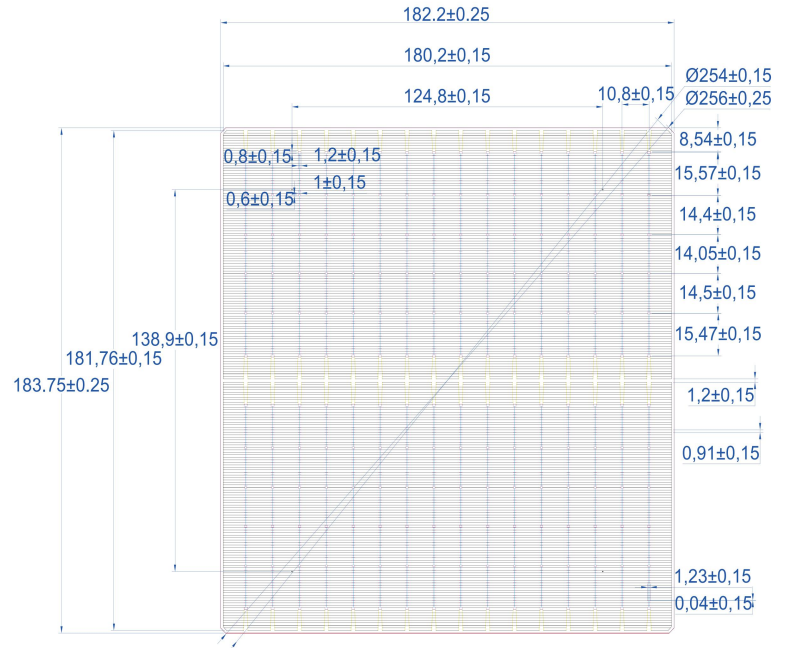
HD SOLAR

N Type BIFACIAL M10R
Monocrystalline silicon 182.2*183.75 16BB

Front side



Back side



MECHANICAL DATA AND DESIGN

Format	182.2mm×183.75mm±0.25mm	Voltage	-0.36%/K
Diameter	256±0.25mm	Current	+ 0.07%/K
Thickness	130µm±15µm	Power	-0.32%/K
Front(-)	0.036± 0.015mm wide bus bar. 172 finger grids Silicon anti-reflection coating		
Back(+)	0.03±0.015mm side bus bars, 200 finger grids Silicon nitride coating		

TEMPERATURE COEFFICIENTS

Product Feature

- High conversion efficiency up to 25.50%
- Bifaciality ≥ 85%
- “0” LID(Light Induced Degradation)
- High resistance of PID(Potential Induced Degradation)
- Power temperature coefficient ≤-0.35%/°C
- Weak light response (200w/m²)≥97%
- Lower CTM loss,better for the high efficiency module

Quality Control

- Efficiency test accuracty is ±0.1%
- 100% automatic inspection of IV/EL/Appearance
- Calibration cell Soure to Fraunhofer ISE

HD SOLAR

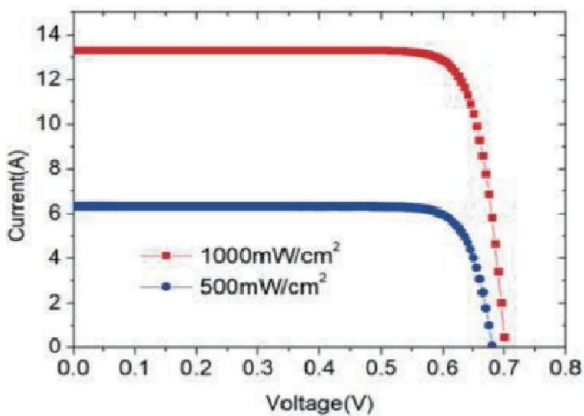
N Type BIFACIAL M10R
Monocrystalline silicon 182.2*183.75mm 16BB

Efficiency(%)	Pmpp(W)	Ump(v)	Imp(A)	Uoc(V)	Isc(A)	FF%
25.50%	8.53	0.635	13.435	0.726	13.850	84.87
25.40%	8.50	0.634	13.410	0.726	13.824	84.74
25.30%	8.47	0.633	13.385	0.725	13.798	84.61
25.20%	8.43	0.632	13.360	0.725	13.772	84.48
25.10%	8.40	0.631	13.320	0.724	13.739	84.44
25.00%	8.37	0.630	13.281	0.724	13.715	84.30
24.90%	8.33	0.629	13.242	0.723	13.675	84.28
24.80%	8.30	0.628	13.213	0.723	13.646	84.21
24.70%	8.27	0.627	13.195	0.720	13.669	84.05
24.60%	8.23	0.625	13.165	0.718	13.645	84.05
24.50%	8.20	0.625	13.127	0.717	13.618	84.03
24.40%	8.17	0.624	13.090	0.715	13.612	83.96
24.30%	8.13	0.624	13.047	0.714	13.587	83.83
24.20%	8.10	0.623	13.020	0.714	13.551	83.73
24.10%	8.07	0.622	12.979	0.713	13.533	83.67

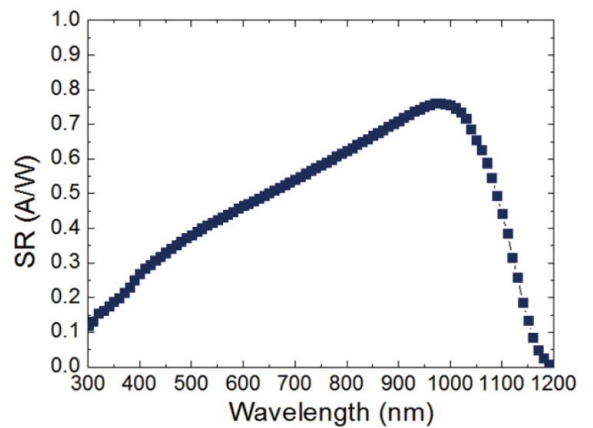
*Under standard test condition: Irradiance=1000W/ m², Ambient Temperature=25°C, AM=1.5

Specifications and data are for reference only. If there is any change, notice will be given separately

IV Curve >



Spectral Response (SR) >



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

Specifications subject to technical changes 5.2024 HD Solar

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