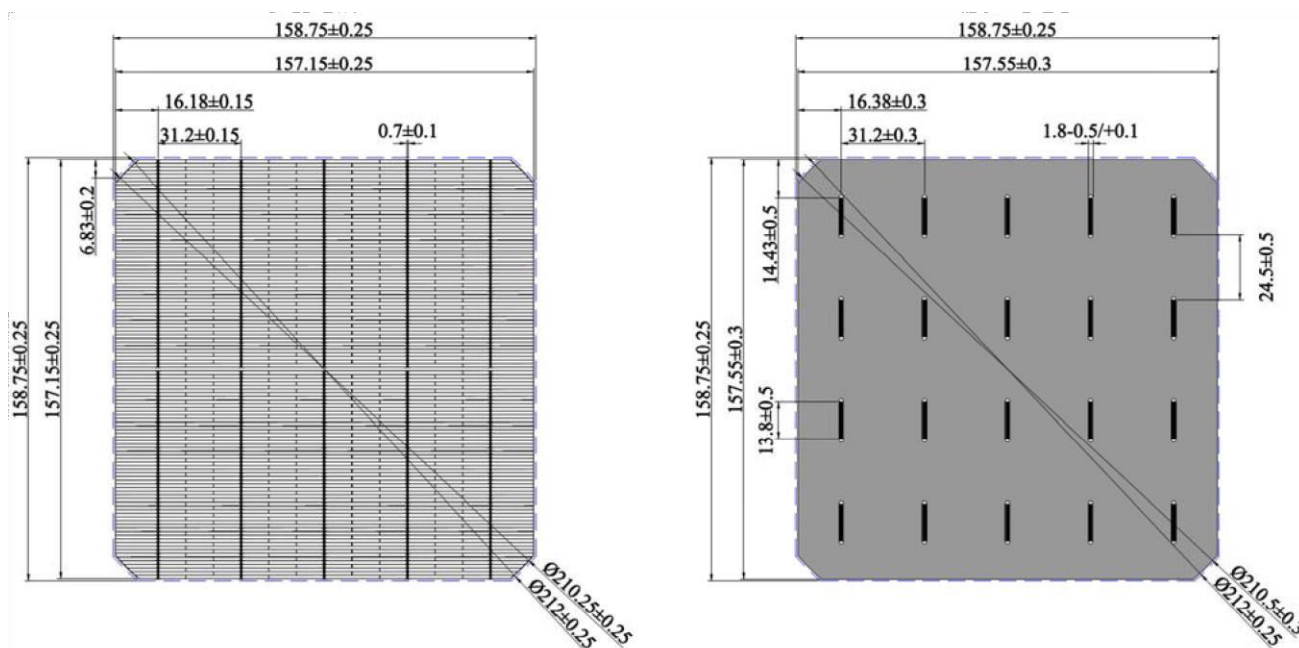


## 158.75-212 Solar Cell - Product Specification

### Product appearance

Side length	158.75mm * 158.75mm $\pm$ 0.25mm
Diagonal	212mm $\pm$ 0.25mm
Thickness	190 $\mu$ m $\pm$ 30 $\mu$ m
Positive	Positive electrode width <b>0.7mm</b> , <b>116</b> Root fine grid, blue silicon nitride anti-reflection coating
Back	Back electrode width <b>1.8mm</b> , Aluminum oxide, silicon nitride anti-reflection film, aluminum back field



Technical data standard test conditions 1000W/m<sup>2</sup>, AM1.5, 25°C ; TkVoltage : -0.36%/K, TkCurrent : +0.07%/K, TkPower : -0.38%/K ;

Efficiency gear	Maximum power P <sub>mp</sub> (W)	Maximum power voltage U <sub>mp</sub> (V)	Maximum power current I <sub>mp</sub> (A)	Open circuit voltage V <sub>oc</sub> (V)	Short circuit current I <sub>sc</sub> (A)
22.40%	5.64	0.591	9.55	0.689	9.97
22.30%	5.62	0.590	9.52	0.688	9.96

## LOOM SOLAR

22.20%	5.59	0.589	9.50	0.687	9.95
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22.10%	5.57	0.588	9.47	0.686	9.94
22.00%	5.54	0.587	9.44	0.685	9.93
21.90%	5.52	0.586	9.42	0.684	9.92
21.80%	5.49	0.585	9.39	0.683	9.91
21.70%	5.47	0.584	9.36	0.682	9.90
21.60%	5.44	0.583	9.34	0.681	9.89
21.50%	5.42	0.582	9.31	0.680	9.88
21.40%	5.39	0.581	9.28	0.679	9.87

### 1、Light intensity characteristics

Intensity[W/m <sup>2</sup> ]	Voc	Isc
1000	1	1
900	0.99	0.9
800	0.99	0.8
600	0.98	0.6
400	0.96	0.4