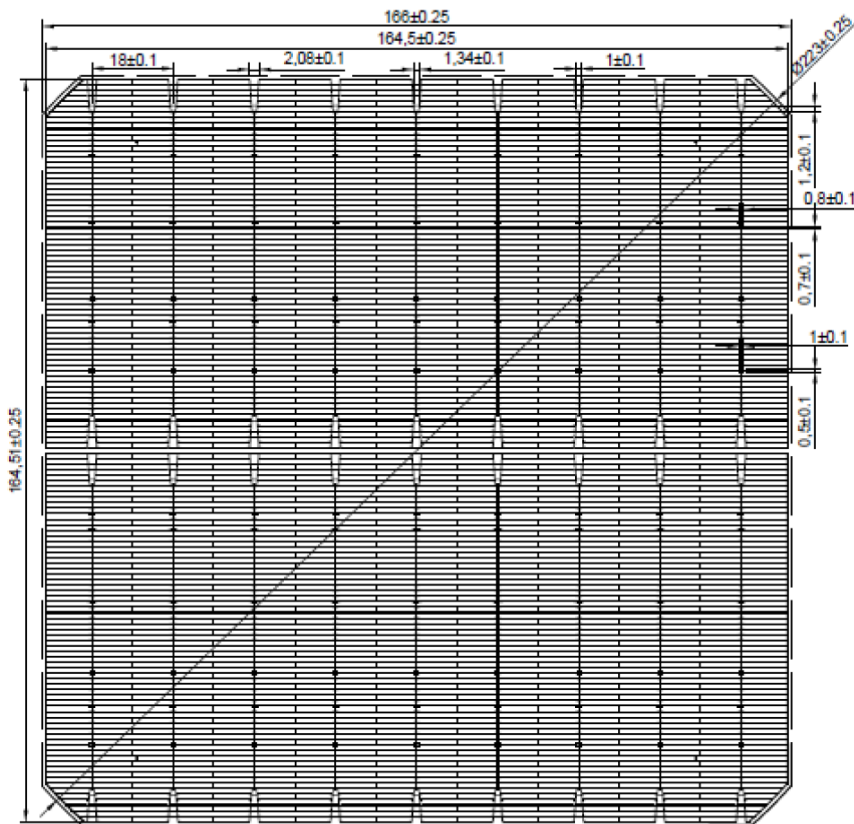


MONOCRISTALLINE PERC SOLAR CELLS 166mm-9BB

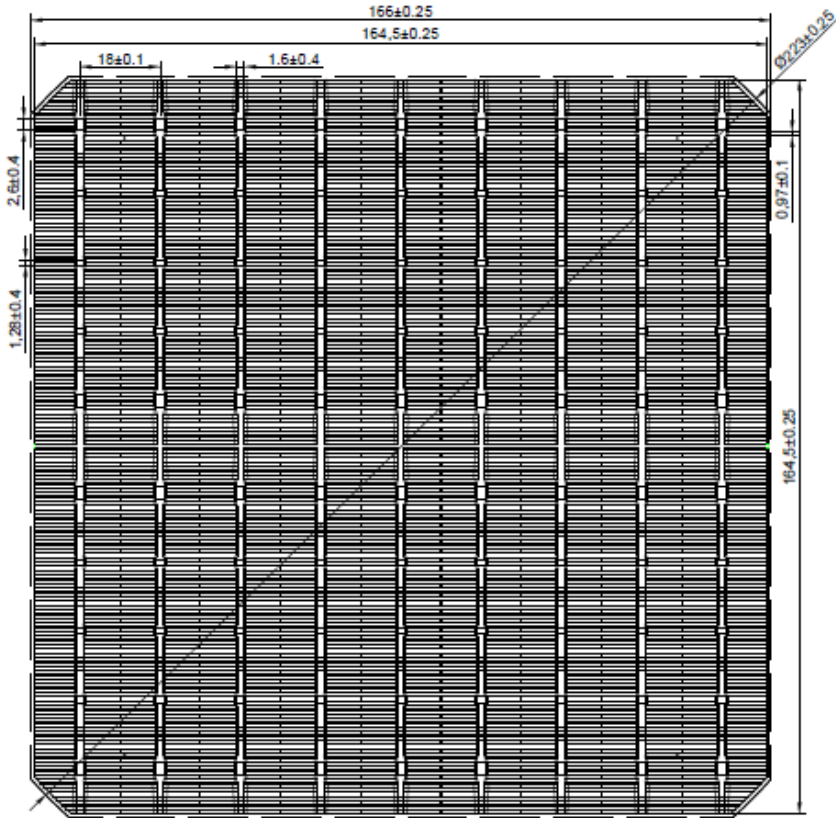
166.00 mm M6 BIFACIAL YLF - CONFIDENTIAL

Solar cell structure

Front electrode pattern



Back electrode pattern





Via F.Santi 27 – Zona ind. D4
15121 Alessandria ITALY
Vat code IT 02186780066
Tel e Fax n° +39 0131 1850037

Dimensions: 166mmx166mm±0.25mm Φ223mm±0.25mm ;

Thickness: 180µm±18µm

Front side 0.8mm-1.34mm wide bus bars, Silicon nitride anti-reflection coating

Back side 1.6 mm wide discontinuous soldering pads

TkVoltage : : -0.28%/K

TkCurrent : : +0.03%/K

TkPower : : -0.35%/K

Rsh 50 Ω Irev2 1.0A

Eff(%)	Pmpp(W)	Umpp(V)	Impp(A)	Uoc(V)	Isc(A)	FF(%)
23.40	6.42	0.595	10.792	0.691	11.307	82.19
23.33	6.40	0.595	10.757	0.691	11.270	82.19
23.26	6.38	0.594	10.734	0.689	11.261	82.18
23.19	6.36	0.594	10.712	0.688	11.256	82.16
23.12	6.34	0.593	10.699	0.688	11.228	82.13
23.05	6.32	0.591	10.687	0.687	11.220	81.94
22.98	6.30	0.590	10.676	0.686	11.213	81.89
22.91	6.28	0.589	10.664	0.686	11.204	81.72
22.84	6.26	0.588	10.653	0.685	11.198	81.66
22.77	6.24	0.586	10.645	0.684	11.188	81.51
22.70	6.22	0.585	10.637	0.684	11.176	81.40
22.63	6.20	0.584	10.618	0.683	11.171	81.27
22.56	6.18	0.583	10.602	0.681	11.169	81.26
22.49	6.17	0.582	10.599	0.681	11.161	81.16
22.42	6.15	0.581	10.590	0.680	11.157	81.10