

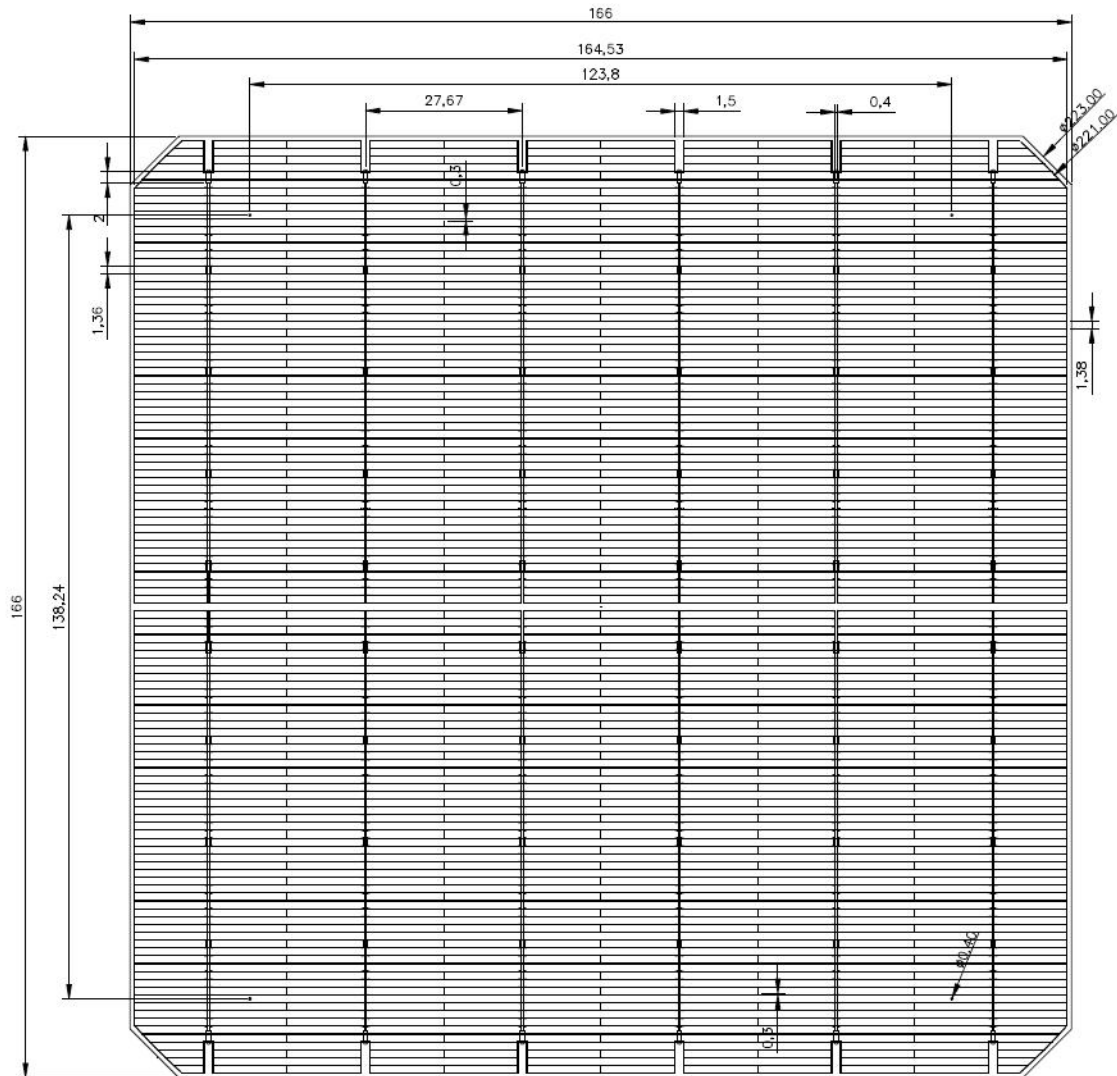
MONOCRISTALLINE SOLAR CELLS PERC M6 6BB

166 mm - CONFIDENTIAL

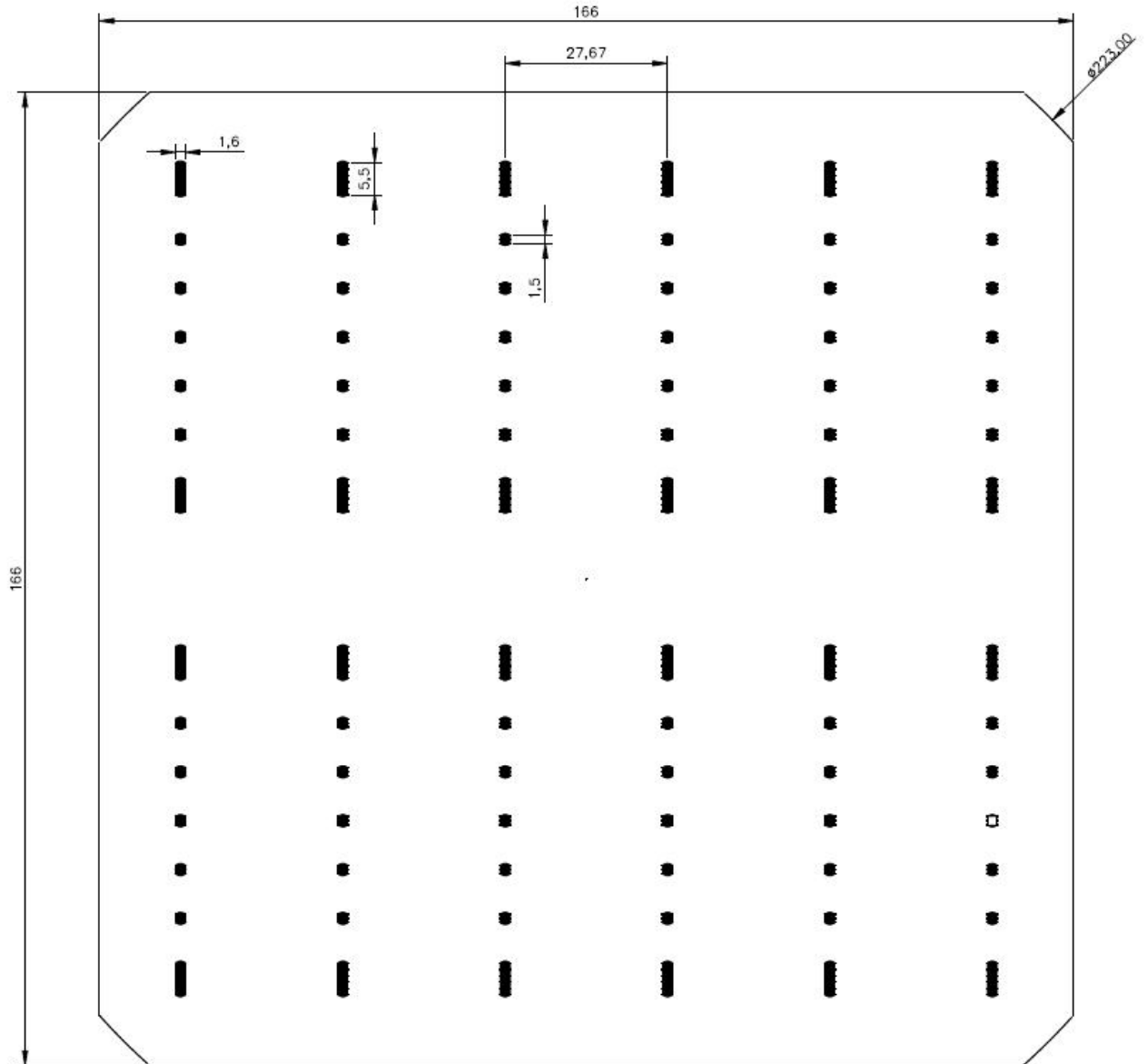
Silicon type	size	Front electrode pattern
Mono-crystalline PERC	166*166 ± 0.5 Φ 223mm	six busbar/interval: 27.67mm

Solar cell structure

Front electrode pattern



Back electrode pattern



Electrical performance

Efficiency grade and electrical characteristic

档位 Eff (%)	效率区间 Efficiency	功率 P _{mp} (W)	最大功率电流 I _{mp} (A)	最大功率电压 U _{mp} (v)	短路电流 I _{sc} (A)	开路电压 U _{oc} (V)
22.6	22.6-22.7	6.20	10.684	0.582	11.245	0.688
22.5	22.5-22.6	6.17	10.664	0.580	11.223	0.687
22.4	22.4-22.5	6.14	10.649	0.578	11.203	0.686
22.3	22.3-22.4	6.11	10.636	0.576	11.183	0.685
22.2	22.2-22.3	6.09	10.621	0.574	11.170	0.684
22.1	22.1-22.2	6.06	10.604	0.572	11.136	0.683
22.0	22.0-22.1	6.03	10.587	0.570	11.112	0.682
21.9	21.9-22.0	6.00	10.580	0.568	11.092	0.681

STC / Electrical properties in STC standard

STC) / Standard Test Condition (STC)

a. Intensity: 1000 W/m²

b. Spectrum: AM1.5

c. Temperature: 25°C

Temperature coefficient

a. Voc: -0.3 %/°C

b. Isc: +0.06 %/°C

c. P_m: -0.39 %/°C

Cell thickness: 200 ± 20 μm