

The technical specification of solar cells

◆ Ref-Spec-Multi Cell 3 Busbar, MODEL : M156-3BB Rev1 ◆

1. Type : Multi Crystalline Silicon Solar Cell(156mm X 156mm)

2. Electrical Parameters

Grade	PM1	PM2	PM3	SM1	SM2	SM3	HM1	HM2
Eff(%)	16.40	16.20	16.00	15.80	15.60	15.40	15.20	15.00
Pmax(Wp)	3.98	3.92	3.88	3.83	3.80	3.75	3.71	3.66

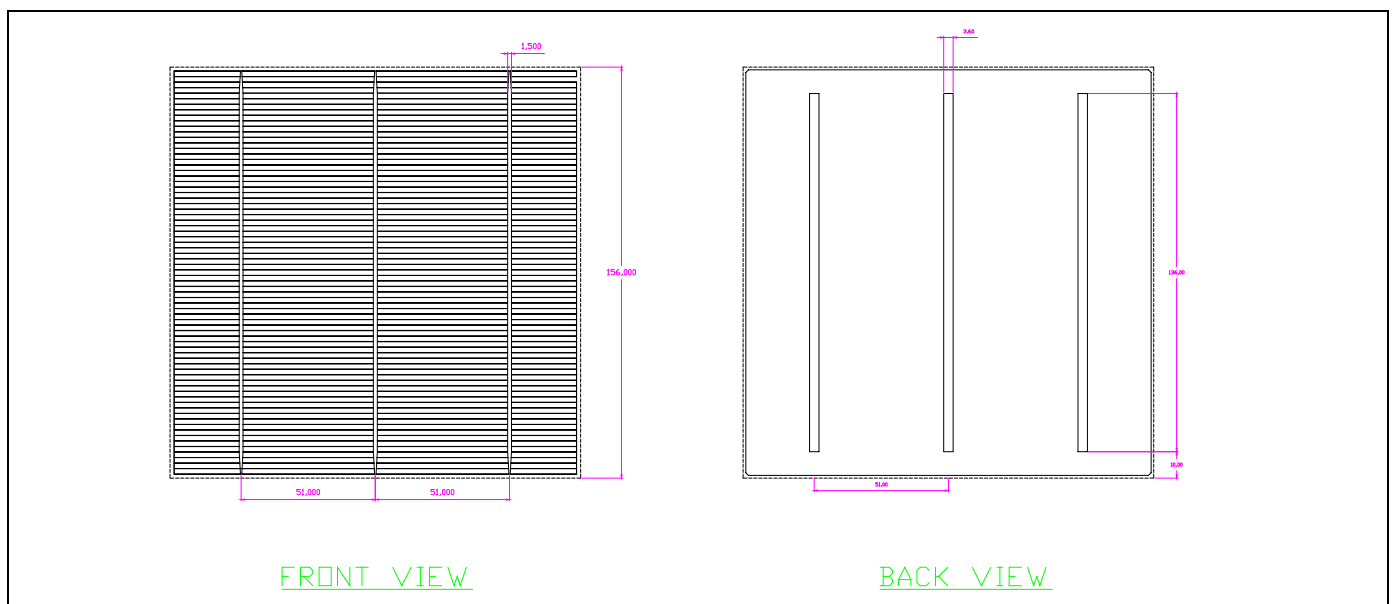
※ All data at standard testing condition: STC (1,000 W/ m², AM 1.5G, 25°C)

※ Efficiency: +/-0.20% abs., Pmax: +/-2% rel.

※ KPE's calibration standards shall be in compliance with the standards applied by ECN, Netherlands

3. Geometrical properties

- ① Shape of Solar Cell: Square with chamfer
- ② Bevel edge width: 1.5+/-0.5mm
- ③ Length of wafer edge: 156 ± 0.5mm
- ④ Average Wafer thickness: 200~210µm, +/-30µm
- ⑤ Flake type chips: Width max 1.5mm, Depth max 0.5mm
- ⑥ Number of flake type chips allowed: ≤ 2 per Solar Cell



* KPE reserves the right to change the specification without prior notice and please contact us for detailed specification