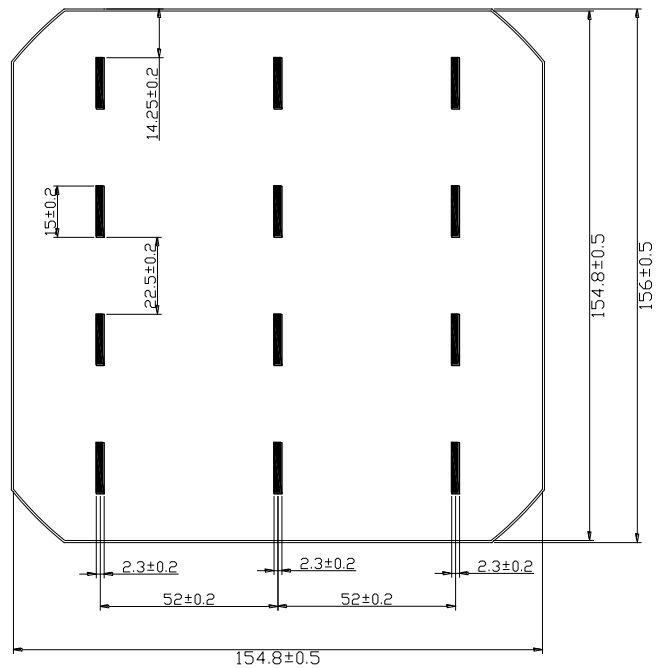
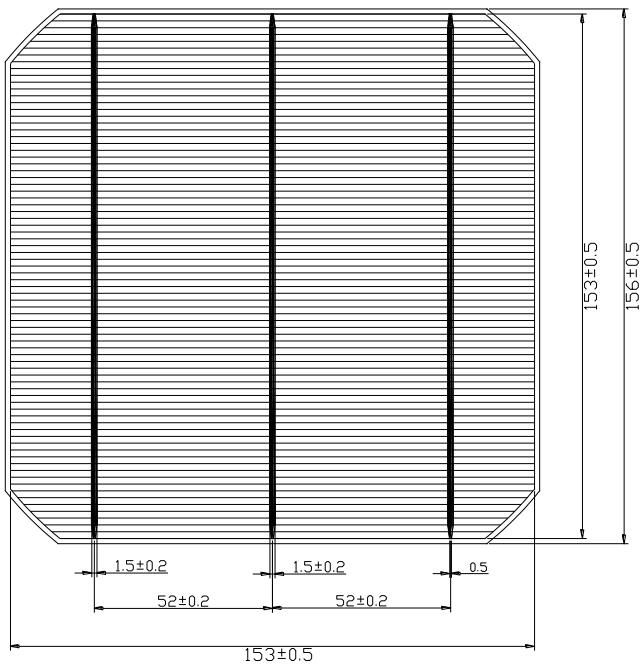




M156-200 MONOCRYSTALLINE SILICON SOLAR CELLS



STRUCTURE OF CELLS

- Format 156mm×156mm±0.5mm, 200mm±0.5mm
- Thickness 200±20mm
- Front(-) 1.5mm silver bus bars, blue silicon nitride anti-reflecting coating
- Back(+) 2.3mm wide soldering pads(silver), aluminum back surface filed

TEMPERATURE COEFFICIENTS

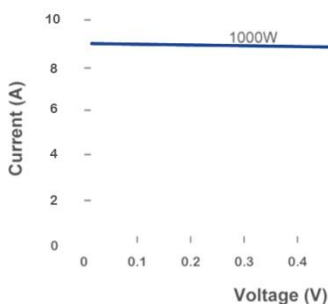
- Current temperature coefficient +0.03%/°C
- Voltage temperature coefficient -0.32%/°C
- Power temperature coefficient -0.41%/°C

ELECTRICAL PARAMETERS

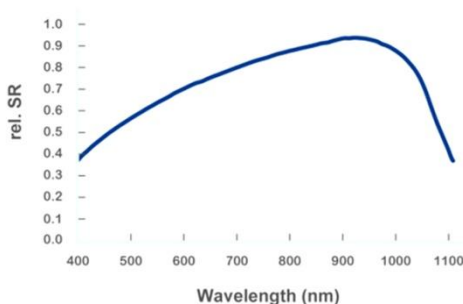
Class	Eff (%)	Pmpp (W)	Umpv (V)	Impv (A)	Uoc (V)	Isc (A)	FF (%)
A	18.80-19.00	4.49	0.541	8.344	0.639	8.845	79.93
B	18.60-18.80	4.44	0.539	8.283	0.637	8.824	79.76
C	18.40-18.60	4.40	0.535	8.262	0.636	8.810	79.01
D	18.20-18.40	4.34	0.533	8.224	0.635	8.805	78.55
E	18.00-18.20	4.30	0.529	8.182	0.635	8.786	77.96
F	17.80-18.00	4.25	0.525	8.149	0.634	8.767	77.08
G	17.60-17.80	4.20	0.523	8.093	0.633	8.756	76.43
H	17.40-17.60	4.15	0.519	8.014	0.630	8.704	76.02

Standard test condition: AM1.5, 1000W/m², 25 °C

IV Curve



Spectral Response



Light Intensity Dependence

Intensity W/m ²	Voc	Isc	Pmpp
1000	1.000	1.000	1.000
800	0.994	0.802	0.795
500	0.974	0.500	0.488
200	0.932	0.195	0.185

Specifications subject to change without prior notice.