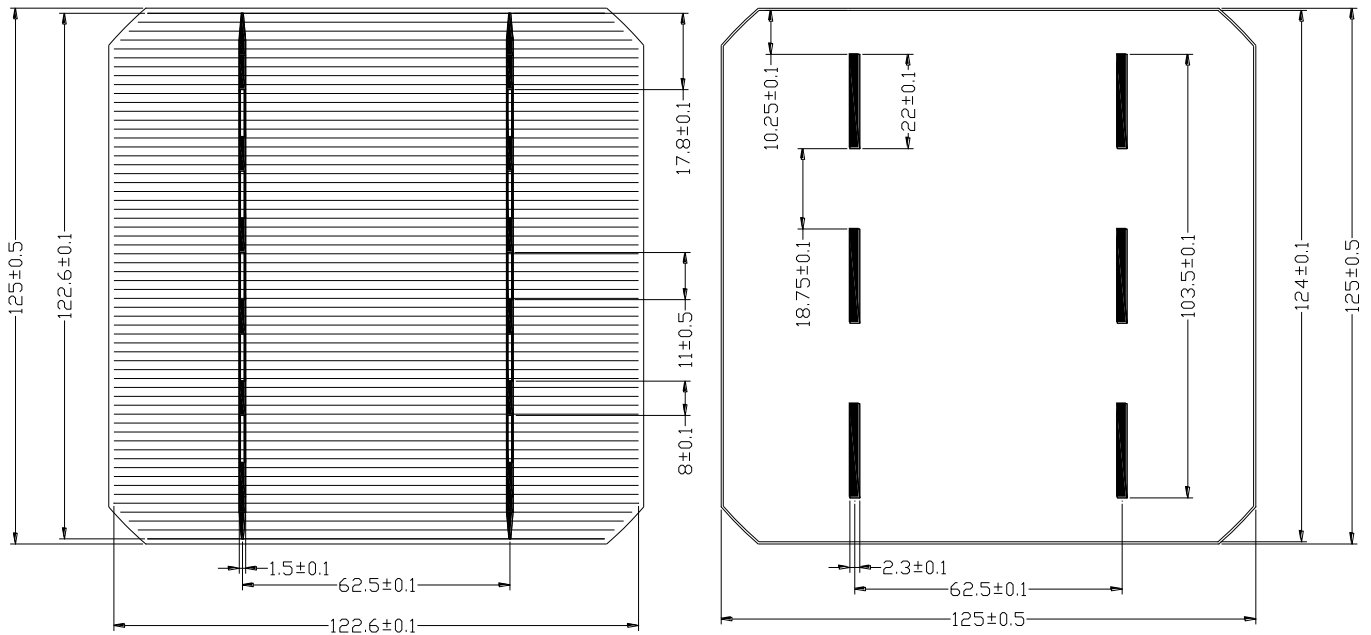




## M125-165F MONOCRYSTALLINE SILICON SOLAR CELLS



### STRUCTURE OF CELLS

- Format 125mm×125mm±0.5mm, 165 mm±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

### TEMPRATURE COEFFICIENTS

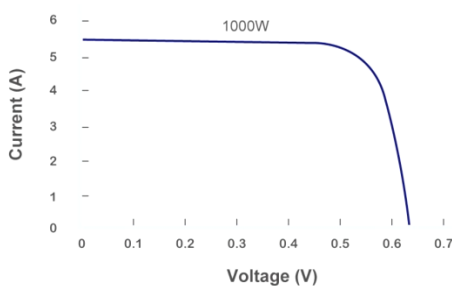
- Current temperature coefficient +0.03%/°C
- Voltage temperature coefficient -0.32%/°C
- Power temperature coefficient -0.41%/°C

### ELECTRICAL PARAMETERS

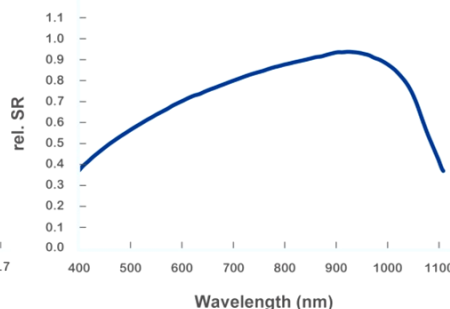
Class	Eff (%)	Pmpp (W)	Umpp (V)	Impp (A)	Uoc (V)	Isc (A)	FF (%)
A	18.60-18.80	2.88	0.528	5.481	0.632	5.759	79.51
B	18.40-18.60	2.85	0.526	5.423	0.631	5.725	78.96
C	18.20-18.40	2.82	0.525	5.375	0.630	5.702	78.55
D	18.00-18.20	2.79	0.523	5.341	0.630	5.676	78.12
E	17.80-18.00	2.76	0.520	5.320	0.629	5.668	77.60
F	17.60-17.80	2.73	0.516	5.296	0.628	5.659	76.90
G	17.40-17.60	2.69	0.513	5.263	0.626	5.638	76.50
H	17.20-17.40	2.66	0.510	5.239	0.625	5.636	75.85

Standard test condition: AM1.5, 1000W/m<sup>2</sup>, 25 °C

### IV Curve



### Spectral Response



### Light Intensity Dependence

Intensity W/m <sup>2</sup>	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.