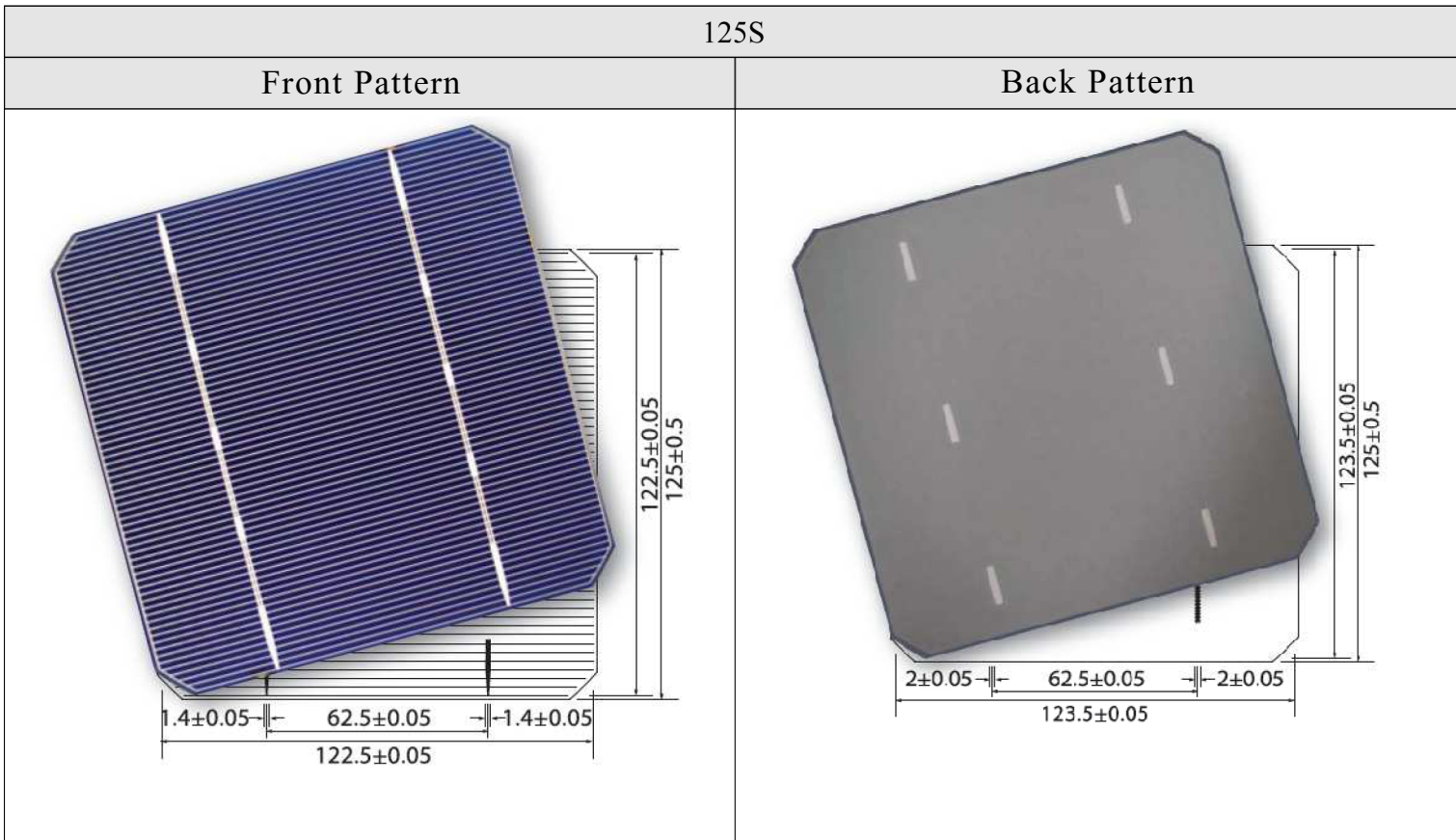


## 125S MONO SOLAR CELLS



### Mechanical Characteristics

Product	Mono-crystalline Silicon Solar Cell
Dimension	125mm×125mm, Φ165mm, tolerance±0.5mm
Thickness	200μm, tolerance±20μm
Front (cathode)	Blue silicon nitride anti-reflection coating 2×1.4mm wide discontinuous silver bus bars
Back (anode)	Aluminum back surface field 2×2mm wide discontinuous silver soldering pads

### Electrical Characteristics

Efficiency (%)	P <sub>mpp</sub> (Wp)	V <sub>mpp</sub> (V)	I <sub>mpp</sub> (A)	V <sub>oc</sub> (V)	I <sub>sc</sub> (A)	FF (%)
18.8%+	2.91	0.529	5.50	0.637	5.85	78.0
18.6%+	2.88	0.526	5.48	0.634	5.83	77.9

18.4%+	2.85	0.525	5.42	0.633	5.80	77.5
18.2%+	2.82	0.524	5.37	0.630	5.77	77.5
18.0%+	2.79	0.519	5.37	0.629	5.73	77.2
17.8%+	2.76	0.519	5.31	0.624	5.72	77.2
17.6%+	2.73	0.519	5.25	0.626	5.59	77.7

All data at STC: Irradiance 1000W/m<sup>2</sup>, Cell temperature 25°C, AM1.5G. P<sub>mpp</sub> ±1.5%, Efficiency ±0.2% abs.

### Temperature Coefficients

TkCurrent	+0.03%/°C
TkVoltage	-0.34%/°C
TkPower	-0.44%/°C