

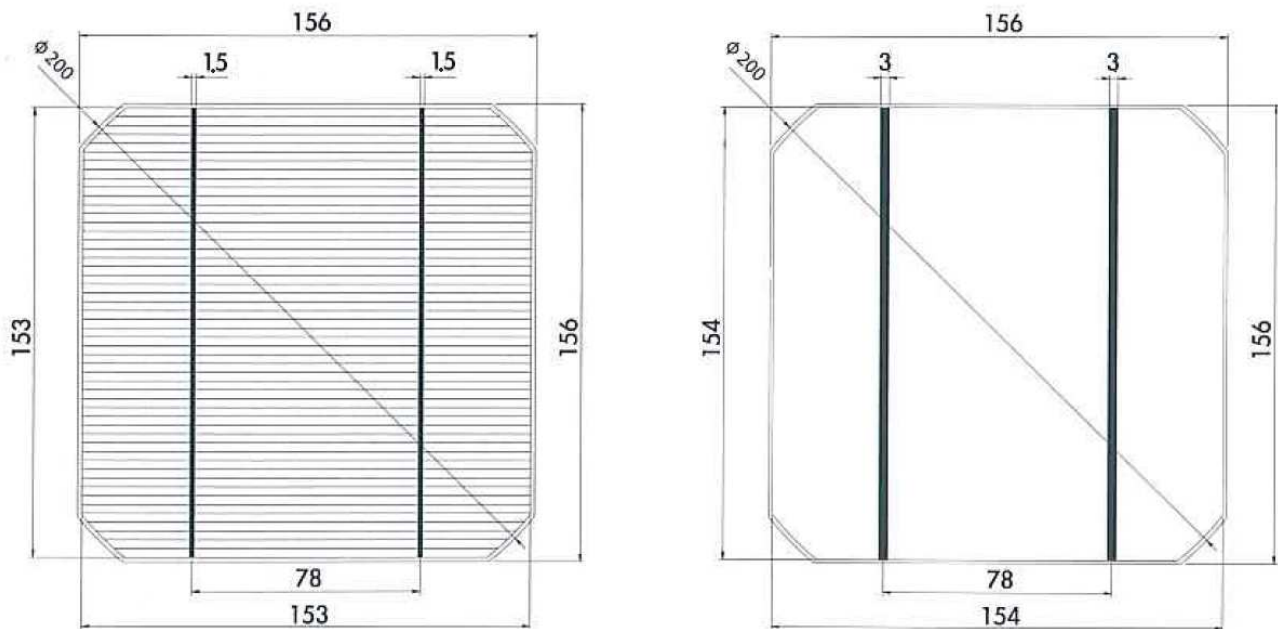


## 6" Mono-crystalline solar cell

<b>Product</b>	<b>156×156mm<sup>2</sup> square Mono-crystalline solar cell</b>
<b>Dimension</b>	<b>156mm X 156mm +/- 0.5mm</b>
<b>Dia.</b>	<b>200 +/- 0.5mm</b>
<b>Thickness</b>	<b>200 μm (+/- 40 μm)</b>
<b>Front</b>	<b>Two 1.5 mm wide bus bars(silver) with distance 78 mm, acid texturized surface with blue silicon nitride anti-reflection coating.</b>
<b>Back</b>	<b>3 mm wide silver/aluminum continuous bus bars, aluminum back surface field.</b>

**This Mono-crystalline solar cell is a p-type cell (boron doped).**

### Outline Dimensions



### Typical Temperature Coefficients

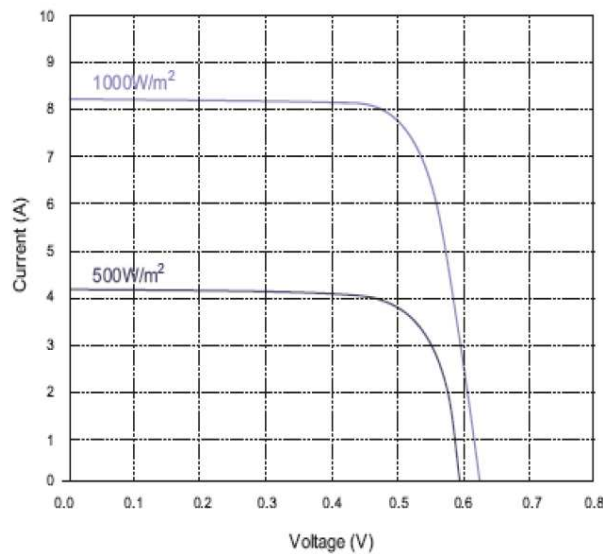
The coefficient of current (Alpha) is +2,5 mA/K  
 The coefficient of voltage (Beta) is -2.12 mV/K  
 The coefficient of power (Gamma) is -0.43 %/K



## Electrical Curves

### I-V Curve

Cell efficiency = 16.2%



## Packing Classification

Category	SFS6-1750-UT	SFS6-1725-UT	SFS6-1700-UT	SFS6-1675-UT
Eff.	17.26~17.50	17.01~17.25	16.76~17.00	16.51~16.75
Rated Power(Wp)	4.12	4.06	4.00	3.94
Imp	8.01	7.93	7.89	7.83
Vmp	0.514	0.512	0.507	0.503
Isc	8.59	8.54	8.51	8.47
Voc	0.618	0.614	0.611	0.608

Category	SFS6-1650-UT	SFS6-1625-UT	SFS6-1600-UT	SFS6-1575-UT
Eff.	16.26~16.50	16.01~16.25	15.76~16.00	15.51~15.75
Rated Power(Wp)	3.88	3.82	3.76	3.70
Imp	7.81	7.75	7.66	7.60
Vmp	0.497	0.493	0.491	0.487
Isc	8.44	8.41	8.38	8.35
Voc	0.605	0.603	0.601	0.599



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Category	SFS6-1550-UT	SFS6-1525-UT	SFS6-1500-UT	SFS6-1475-UT
Eff.	15.26~15.50	15.01~15.25	14.76~15.00	14.51~14.75
Rated Power(Wp)	3.64	3.58	3.53	3.47
Imp	7.53	7.45	7.38	7.27
Vmp	0.484	0.481	0.478	0.477
Isc	8.30	8.27	8.22	8.17
Voc	0.598	0.597	0.596	0.595

Category	SFS6-1450-UT
Eff.	14.26~14.50
Rated Power(Wp)	3.41
Imp	7.16
Vmp	0.476
Isc	8.12
Voc	0.594

Note : Measurement under standard testing conditions (STC): 1,000W/m<sup>2</sup>, AM1.5G, 25°C ; Efficiency: ± 0.2% abs.