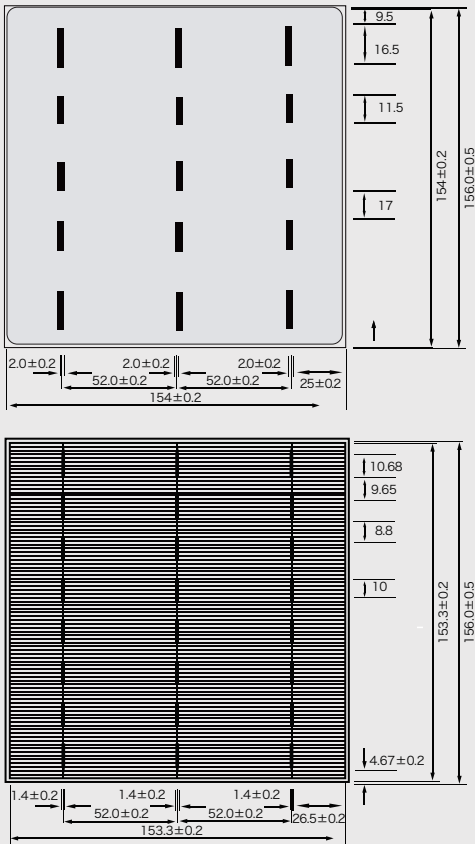


POLYCRYSTALLINE SILICON CELLS

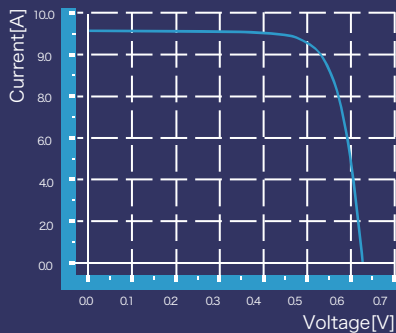


GSUN156P-3BB

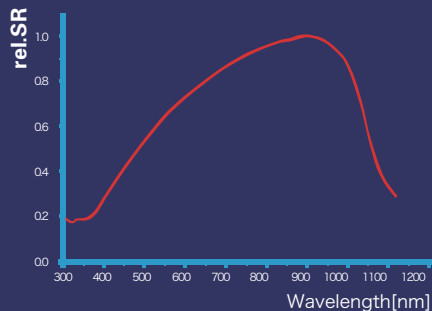
Polycrystalline Silicon Solar Cells

Efficiency	Max Power Current	Max Power Voltage	Open Circuit Voltage
转换效率	最大工作电流	最大工作电压	开路电压
Eff(%)	I _{pm} (A)	V _{pm} (V)	V _{oc} (V)
18.40-18.59	8.58	0.538	0.638
18.20-18.39	8.53	0.532	0.633
18.00-18.19	8.40	0.529	0.630
17.80-17.99	8.33	0.527	0.629
17.60-17.79	8.29	0.524	0.628
17.40-17.59	8.26	0.522	0.625
17.20-17.39	8.22	0.520	0.623
17.00-17.19	8.17	0.517	0.620
16.80-16.99	8.13	0.515	0.618
16.60-16.79	8.06	0.513	0.616
16.40-16.59	7.97	0.511	0.614

IV CURVE



SPECTRAL RESPONSE



*calibrated against fraunhofer ISE freiburg

GSUN156P

Product : Polycrystalline silicon solar cell

Dimension: 156mm×156mm ±0.5mm

Thickness(Si): 200μm±20μm

Front: Blue silicon nitride antireflection coatings 1.4mm silver busbar

Back: Full-surface aluminum back-surface field 2.0mm(silver/aluminum)
continuous or discrete soldering pads

INTENSITY DEPENDENCE

Intensity(W/m2)	Voc
1000	1.00
800	1.00
500	0.96
300	0.93
200	0.92

TEMPERATURE COEFFICIENTS

TkVoltage -0.242%K

TkCurrent +0.034%K

TkPower -0.371%K