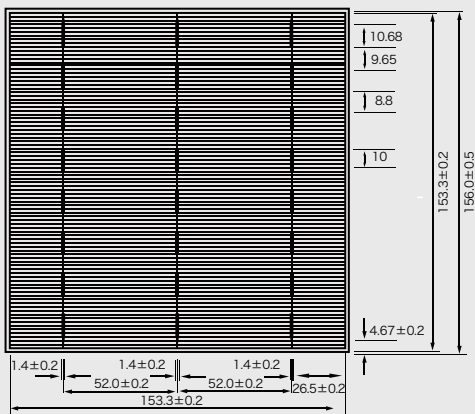
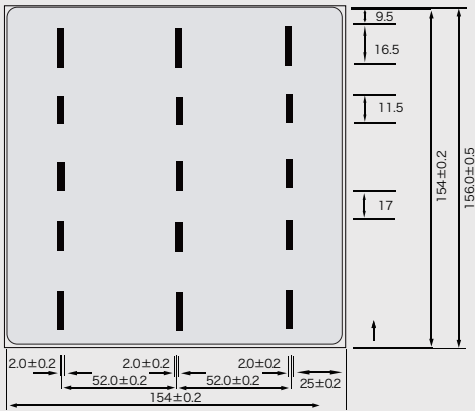


## POLYCRYSTALLINE SILICON CELLS

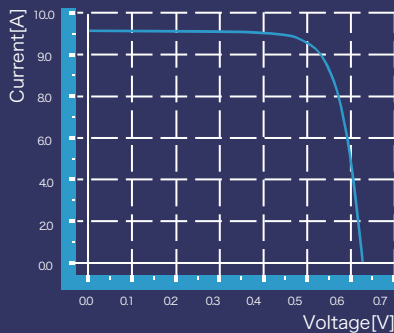


# GSUN156P-3BB

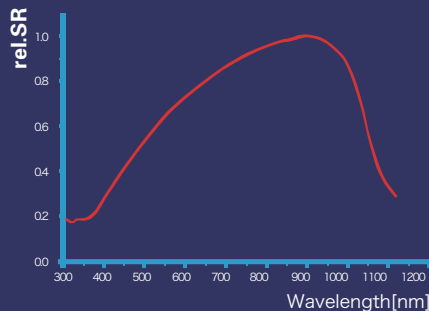
## Polycrystalline Silicon Solar Cells

Model	Efficiency	Power	Max Power Current	Min Power Current	Max Power Voltage	Short Circuit Current	Open Circuit Voltage
型号	转换效率	功率	最大工作电流	最小工作电流	最大工作电压	短路电流	开路电压
	Eff(%)	Ppm(W)	Ipm(A)	Ipm(A)	Vpm (V)	Isc(A)	Voc(V)
GSUN156P-3BB01	18.40-18.59	4.48	8.58	8.40	0.538	8.89	0.638
GSUN156P-3BB02	18.20-18.39	4.43	8.53	8.36	0.532	8.82	0.633
GSUN156P-3BB03	18.00-18.19	4.38	8.40	8.26	0.529	8.78	0.630
GSUN156P-3BB04	17.80-17.99	4.33	8.33	8.20	0.527	8.74	0.629
GSUN156P-3BB05	17.60-17.79	4.28	8.29	8.08	0.524	8.70	0.628
GSUN156P-3BB06	17.40-17.59	4.23	8.26	8.03	0.522	8.66	0.625
GSUN156P-3BB07	17.20-17.39	4.19	8.22	7.99	0.520	8.61	0.623
GSUN156P-3BB08	17.00-17.19	4.14	8.17	7.90	0.517	8.56	0.620
GSUN156P-3BB09	16.80-16.99	4.09	8.13	7.85	0.515	8.51	0.618
GSUN156P-3BB10	16.60-16.79	4.04	8.06	7.75	0.513	8.46	0.616
GSUN156P-3BB11	16.40-16.59	3.99	7.97	7.74	0.511	8.40	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)	Isc	Voc	Pmpp
1000	1.0	1.00	1.00
800	0.8	1.00	0.90
500	0.5	0.96	0.49
300	0.3	0.93	0.29
200	0.2	0.92	0.19

## TEMPERATURE COEFFICIENTS

TkVoltage -0.242%K

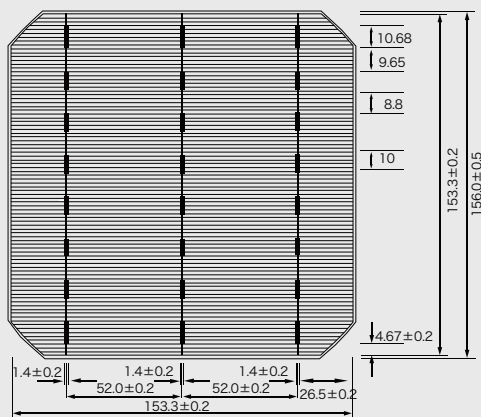
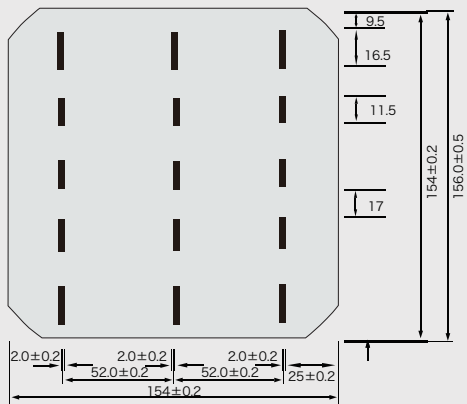
TkCurrent +0.034%K

TkPower -0.371%K

The Parameters are for reference only, which are subject to change without notice or obligation.

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Fax: 0086- 519- 85260299  
E : info@gsunp.com  
W : www.gsunp.com

# MONOCRYSTALLINE SILICON CELLS



# GSUN156M-3BB

## Monocrystalline Silicon Solar Cells

Model	Efficiency	Power	Max Power Current	Min Power Current	Max Power Voltage	Short Circuit Current	Open Circuit Voltage
型号	转换效率	功率	最大工作电流	最小工作电流	最大工作电压	短路电流	开路电压
	Eff(%)	Ppm(W)	Ipm(A)	Ipm(A)	Vpm (V)	Isc(A)	Voc(V)
GSUN156M-3BB01	19.5-19.59	4.66	8.69	8.61	0.547	9.18	0.658
GSUN156M-3BB02	19.4-19.49	4.64	8.63	8.56	0.543	9.14	0.652
GSUN156M-3BB03	19.2-19.39	4.59	8.60	8.51	0.539	9.09	0.646
GSUN156M-3BB04	19.0-19.19	4.54	8.56	8.44	0.536	9.05	0.640
GSUN156M-3BB05	18.80-18.99	4.49	8.53	8.36	0.534	9.00	0.639
GSUN156M-3BB06	18.60-18.79	4.44	8.50	8.32	0.532	8.97	0.637
GSUN156M-3BB07	18.40-18.59	4.40	8.46	8.29	0.530	8.95	0.636
GSUN156M-3BB08	18.20-18.39	4.35	8.42	8.23	0.527	8.93	0.635
GSUN156M-3BB09	18.00-18.19	4.31	8.34	8.20	0.523	8.90	0.634

## GSUN156M

Product :Monocrystalline silicon solar cells

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

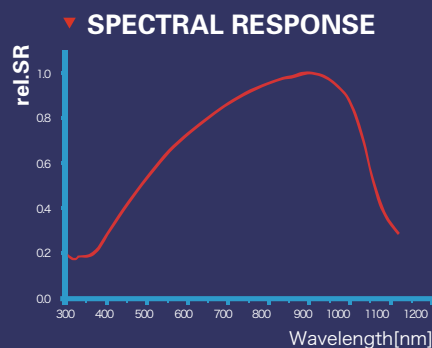
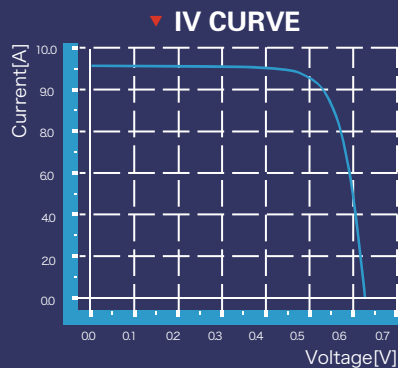
Intensity(W/m2)	Isc	Voc	Pmpp
1000	1.0	1.00	1.00
800	0.8	1.00	0.90
500	0.5	0.96	0.49
300	0.3	0.93	0.29
200	0.2	0.92	0.19

## TEMPERATURE COFFICIENTS

TkVoltage -0.242%K

TkCurrent +0.034%K

TkPower -0.371%K



\*calibrated against fraunhofer ISE freiburg

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