

PHYSICAL CHARACTERISTICS

Format	125mm × 125mm ±0.5mm
Diagonal	165mm ±0.5mm
Thickness	200±20 μm
Front(-)	Blue anti-reflecting coating(silicon nitride); 1.8mm bus bars(silver);
Back(+)	surface field(Aluminum); 1.8mm wide soldering pads;

PHYSICAL CHARACTERISTICS

Temperature coefficient of Isc(α)	+0.051%/K
Temperature coefficient of Voc(β)	-0.417%/K
Temperature coefficient of Pmpp(γ)	-0.346%/K

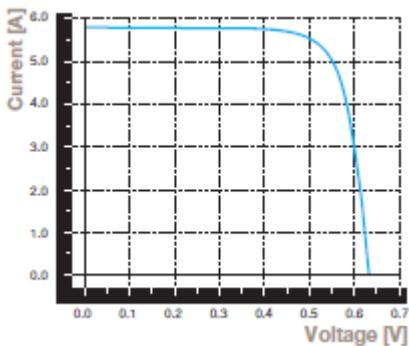
ELECTRICAL CHARACTERISTICS

Efficiency	[%]	17.00	17.25	17.50	17.75	18.00	18.25	18.50	18.75
Pmpp	[W]	2.63	2.67	2.71	2.75	2.79	2.83	2.86	2.9
Isc	[A]	5.66	5.69	5.72	5.76	5.78	5.80	5.83	5.86
Voc	[V]	0.62	0.62	0.62	0.62	0.63	0.63	0.63	0.63
Impp	[A]	5.1	5.16	5.23	5.32	5.38	5.46	5.53	5.58
Umpp	[mV]	0.51	0.52	0.52	0.52	0.52	0.52	0.52	0.52
FF	[%]	75.11	76.17	76.63	77.01	77.35	77.78	78.13	78.56

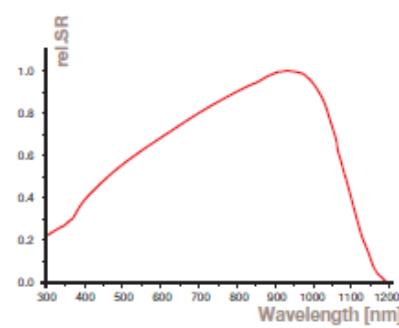
*The above data are presently measured average.

*Data under standard testing condition (STC):1000W/m²,AM1.5,25°C.

I-V CURVE



SPECTRAL RESPONSE



INTENSITY DEPENDENCE

Intensity (W/m ²)	Isc (A)	Voc (V)
1000	1.0	1.000
900	0.9	0.994
500	0.5	0.969
300	0.3	0.946
200	0.2	0.929

※ratio of Voc at reduced intensity to Voc(Isc)
at 1000 W/m²

※Calibrated against fraunhofer ISE freiburg