

BASIC INFORMATION

Format	156.75×156.75mm ±0.25mm
Diameter	220.2±0.5 mm
Thickness	220 ± 20µm
Weight	12.0±0.5g
Front(-)	1.5mm bus bars (silver)
	103 fingers
	Blue anti-reflecting coating
Back(+)	2.0mm wide soldering pads(silver),
	back surface field(aluminium).

ELECTRICAL PARAMETERS

Efficiency Ncell(%)	Maximum power Pmpp(w)	Peak voltage Vmp(V)	Peak current Imp(A)	Open-circuit voltage Voc(V)	Short-circuit current Isc(A)
≥ 18.5	4.54	0.535	8.486	0.639	9.013
18.4-18.5	4.52	0.534	8.464	0.638	8.979
18.3-18.4	4.50	0.533	8.442	0.638	8.951
18.2-18.3	4.47	0.532	8.402	0.637	8.916
18.1-18.2	4.45	0.531	8.380	0.636	8.902
18.0-18.1	4.42	0.529	8.355	0.634	8.881
17.9-18.0	4.40	0.527	8.349	0.632	8.868
17.8-17.9	4.37	0.526	8.308	0.631	8.845
17.7-17.8	4.35	0.525	8.286	0.630	8.824
17.6-17.7	4.32	0.524	8.244	0.629	8.783

All figures are averages with ± 1.5% tolerance.

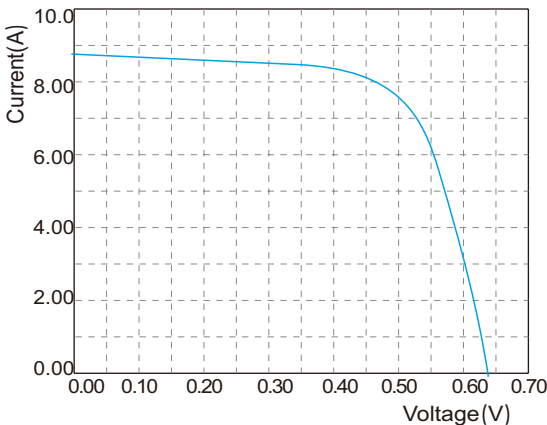
TEMPERATURE CHARACTERISTICS

NAME	UNIT	VALUE
α_{Isc}	[%/°C]	0.057
β_{Voc}	[%/°C]	-0.308
γ_{Pmax}	[%/°C]	-0.406

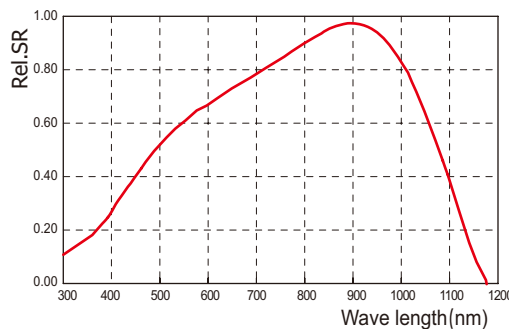
INTENSITY DEPENDENCE

Irradiance [W/m ²]	Open-circuit voltage [%]	Short-circuit current [%]	Maximum power [%]
1000	100.0	100.0	100.0
800	99.00	79.99	80.18
600	97.70	59.90	59.85
400	95.96	39.87	39.95
200	92.83	19.94	19.13

I-V CURVE



SPECTRAL RESPONSE



QUALITY ASSURANCE

