

BASIC INFORMATION

Format	156.75×156.75mm±0.5mm
Diameter	205.0±0.5mm
Thickness	220±20μm
Weight	12.1±0.5g
Front(-)	1.1mm bus bars (silver) .
	Blue anti-reflecting coating (silicon nitride).
Back(+)	1.4mm 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)
≥20.0	4.86	0.545	8.917	0.643	9.389
19.8-20.0	4.81	0.545	8.826	0.643	9.327
19.6-19.8	4.76	0.544	8.750	0.642	9.250
19.4-19.6	4.71	0.543	8.626	0.641	9.173
19.2-19.4	4.66	0.542	8.598	0.640	9.101
19.0-19.2	4.61	0.540	8.537	0.639	9.029

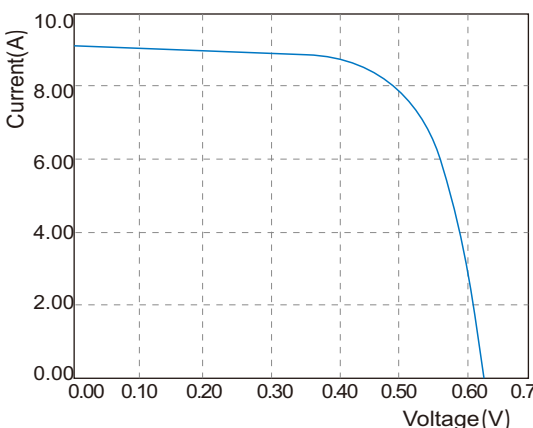
TEMPERATURE CHARACTERISTICS

NAME	UNIT	VALUE
α_{Isc}	[%/°C]	0.043
β_{Voc}	[%/°C]	-0.320
γ_{Pmax}	[%/°C]	-0.420

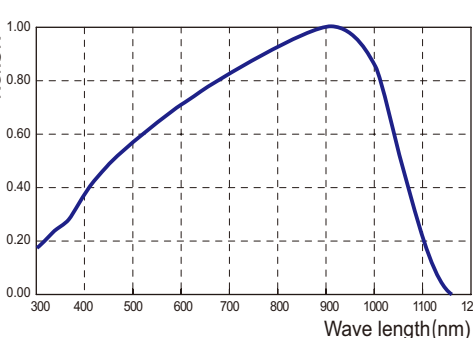
INTENSITY DEPENDENCE

Irradiance [W/m ²]	Open-circuit voltage [%]	Short-circuit current [%]	Maximum power [%]
1000	100.0	100.0	100.0
800	98.56	80.05	79.86
600	97.39	60.08	59.51
400	95.70	40.11	39.13
200	92.66	20.07	18.88

I-V CURVE



SPECTRAL RESPONSE



QUALITY ASSURANCE

