

**BASIC INFORMATION**

Format	156.75 × 156.75mm ± 0.25mm
Diameter	210.0 ± 0.25mm
Thickness	200 ± 20μm(regardless of the front silver)
Weight	10.5 ± 0.5g
Front(-)	0.7mm bus bars(silver), 110 fingers
	Dark blue anti-reflecting coating (silicon nitride)
Back(+)	1.7mm 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)
≥20.7	5.06	0.558	9.063	0.650	9.566
20.6-20.7	5.03	0.557	9.036	0.650	9.529
20.5-20.6	5.01	0.557	8.992	0.649	9.506
20.4-20.5	4.98	0.556	8.964	0.649	9.469
20.3-20.4	4.96	0.555	8.936	0.648	9.449
20.2-20.3	4.94	0.553	8.924	0.647	9.428
20.1-20.2	4.91	0.552	8.896	0.646	9.408
20.0-20.1	4.89	0.551	8.868	0.646	9.396
19.9-20.0	4.86	0.549	8.856	0.645	9.387

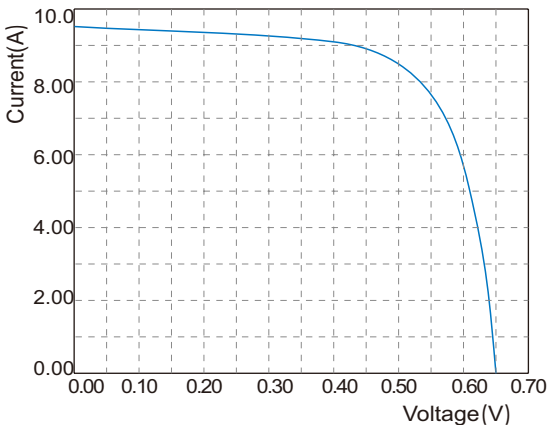
**TEMPERATURE CHARACTERISTICS**

NAME	UNIT	VALUE
$\alpha_{Isc}$	[%/°C]	0.043
$\beta_{Voc}$	[%/°C]	-0.320
$\gamma_{Pmax}$	[%/°C]	-0.420

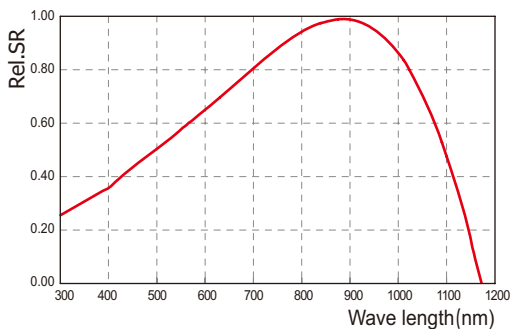
**INTENSITY DEPENDENCE**

Irradiance [W/m <sup>2</sup> ]	Open-circuit voltage [%]	Short-circuit current [%]	Maximum power [%]
1000	100.0	100.0	100.0
800	99.10	80.08	80.24
600	97.84	60.00	59.99
400	96.22	40.00	39.68
200	93.32	19.98	19.30

**I-V CURVE**



**SPECTRAL RESPONSE**



**QUALITY ASSURANCE**

