

BASIC INFORMATION

Format	156.75×156.75mm±0.5mm
Diameter	210.0±0.5mm
Thickness	220±20µm
Weight	12.3±0.5g
Front(-)	1.4mm bus bars (silver) .
	Blue anti-reflecting coating (silicon nitride).
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)
≥20.2	4.93	0.544	9.063	0.645	9.554
20.1-20.2	4.91	0.543	9.042	0.645	9.527
20.0-20.1	4.89	0.543	9.005	0.644	9.505
19.9-20.0	4.86	0.542	8.967	0.644	9.479
19.8-19.9	4.84	0.541	8.946	0.643	9.456
19.7-19.8	4.81	0.540	8.907	0.643	9.410
19.6-19.7	4.79	0.539	8.886	0.642	9.397
19.5-19.6	4.76	0.538	8.847	0.641	9.353
19.4-19.5	4.74	0.537	8.826	0.640	9.339

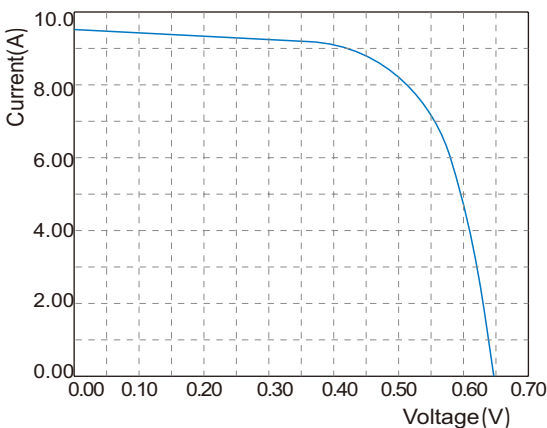
TEMPERATURE CHARACTERISTICS

NAME	UNIT	VALUE
αIsc	[%/°C]	0.043
βVoc	[%/°C]	-0.320
γPmax	[%/°C]	-0.420

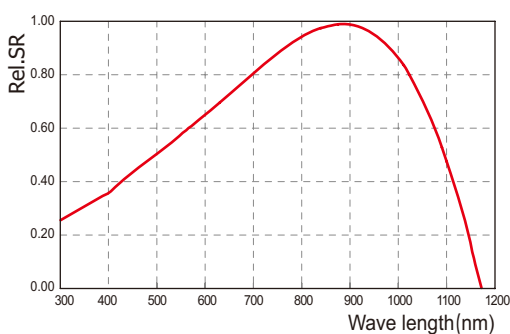
INTENSITY DEPENDENCE

Irradiance [W/m²]	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

