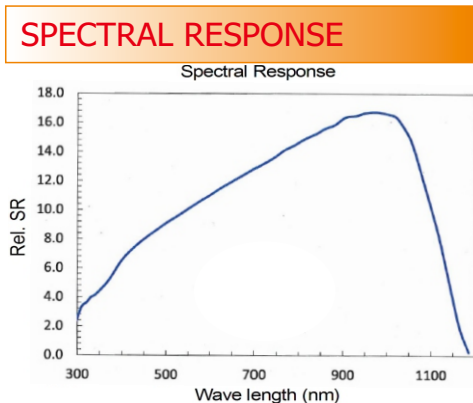
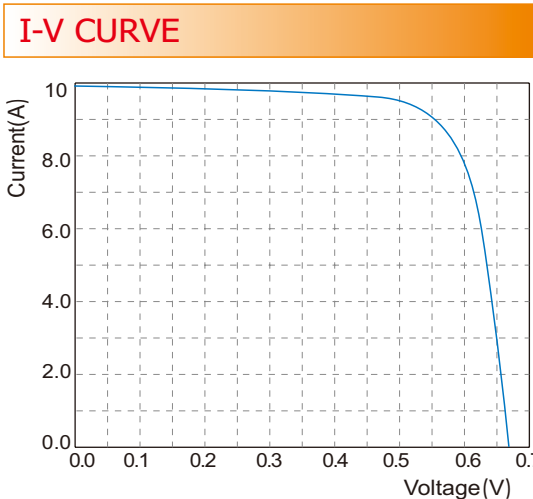


BASIC INFORMATION	
Format	156.75×156.75mm±0.25mm
Diameter	210.0±0.25mm
Thickness	210±20μm(regardless of the front silver)
Weight	11.0±0.5g
Front(-)	1.0mm wide bus bars,96 fingers
	Dark blue anti-reflecting coating
	silicon nitride
Back(+)	1.7mm wide soldering pads
	Aluminium back surface field

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)
≥21.8	5.32	0.568	9.377	0.669	9.939
21.7-21.8	5.30	0.567	9.350	0.669	9.906
21.6-21.7	5.28	0.566	9.324	0.668	9.887
21.5-21.6	5.25	0.564	9.313	0.667	9.869
21.4-21.5	5.23	0.562	9.303	0.666	9.862
21.3-21.4	5.20	0.560	9.293	0.665	9.843
21.2-21.3	5.18	0.558	9.282	0.664	9.836
21.1-21.2	5.16	0.557	9.255	0.663	9.817
21.0-21.1	5.13	0.555	9.242	0.662	9.810
20.9-21.0	5.11	0.554	9.217	0.661	9.791
20.8-20.9	5.08	0.553	9.189	0.660	9.771

TEMPERATURE CHARACTERISTICS		
NAME	UNIT	VALUE
α_{Isc}	[%/°C]	0.060
β_{Voc}	[%/°C]	-0.300
γ_{Pmax}	[%/°C]	-0.390

INTENSITY DEPENDENCE			
Irradiance [W/m ²]	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



QUALITY ASSURANCE



ISO 9001



ISO 14001



OHSAS 18000
职业健康安全管理体系认证



Fraunhofer