

MECHANICAL DATA AND DESIGN

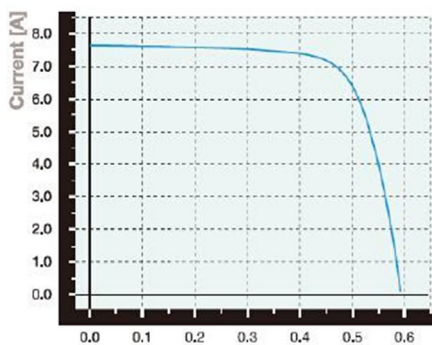
Format	156mm×156mm±0.5mm
Thickness	200μm±20μm
Front(-)	1.8mm bus bars(silver),blue anti-reflecting coating(silicon nitride)
Back(+)	2.7mm wide soldering pads(silver),back surface field(aluminum)

TEMPERATURE COEFFICIENTS

TkVoltage	-0.351%/K
TkCurrent	+0.035%/K
TkPower	-0.47%/K

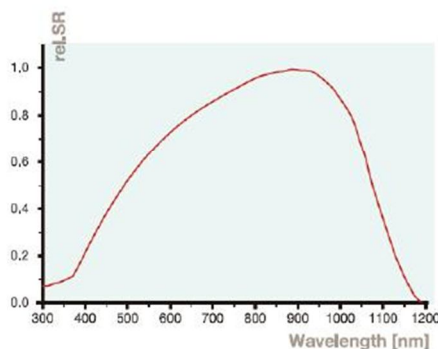
No.	10	09	08	07	06	05	04	03	02	01
Efficiency(%)	17.40-17.60	17.20-17.40	17.00-17.20	16.80-17.00	16.60-16.80	16.40-16.60	16.20-16.40	16.00-16.20	15.80-16.00	15.60-15.80
Pmpp(W)	4.24	4.19	4.14	4.09	4.04	3.99	3.94	3.90	3.85	3.80
Umpp(V)	0.529	0.525	0.521	0.519	0.516	0.513	0.509	0.508	0.506	0.503
Imp(A)	8.015	7.978	7.934	7.888	7.837	7.789	7.739	7.678	7.613	7.554
Uoc(V)	0.630	0.628	0.626	0.624	0.621	0.619	0.617	0.616	0.616	0.616
Isc(A)	8.528	8.494	8.452	8.406	8.355	8.308	8.264	8.217	8.174	8.149
FF(%)	78.88	78.46	78.17	78.03	77.88	77.70	77.31	77.01	76.42	75.66

IV CURVE



*calibrated against fraunhofer ISE freiburg Voltage [V]

SPECTRAL RESPONSE



INTENSITY DEPENDENCE

Intensity [W/m²]	Isc*	Voc*
1000	1.0	1.000
900	0.9	0.996
500	0.5	0.968
300	0.3	0.943
200	0.2	0.922

*Ratio of Voc(Isc) at reduced intensity to Voc(Isc) at 1000 W/m²