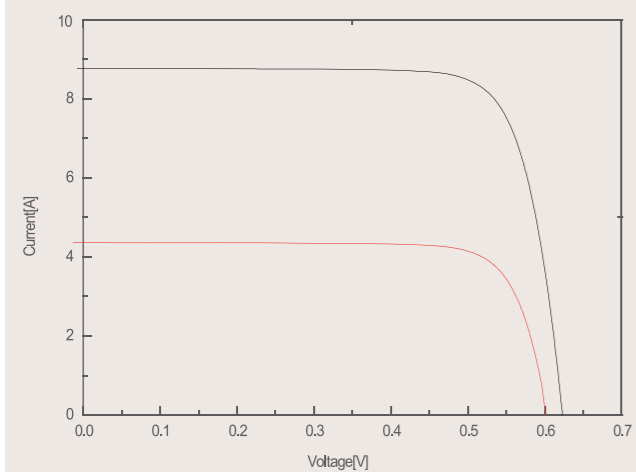


# Poly 156MM

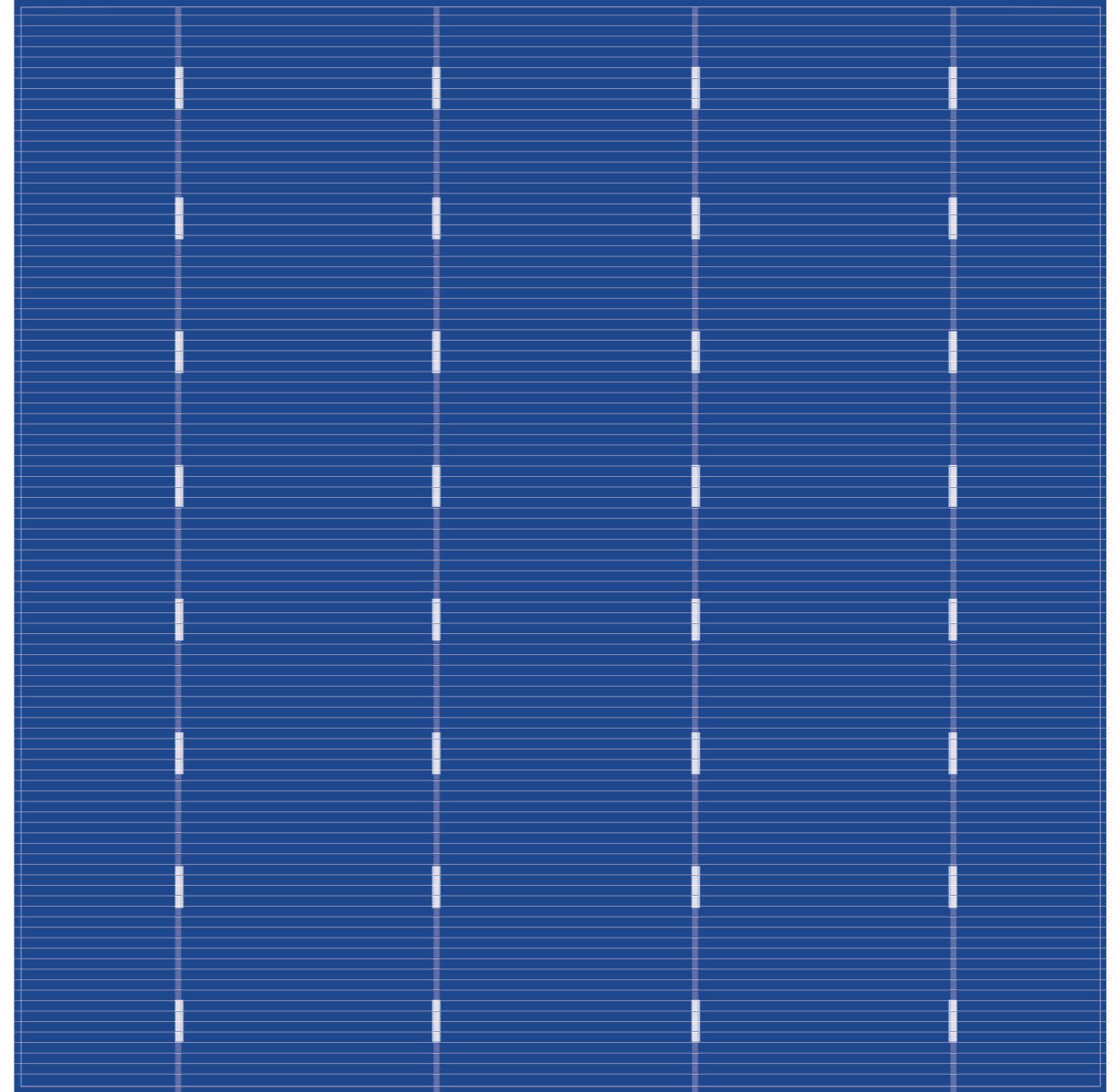
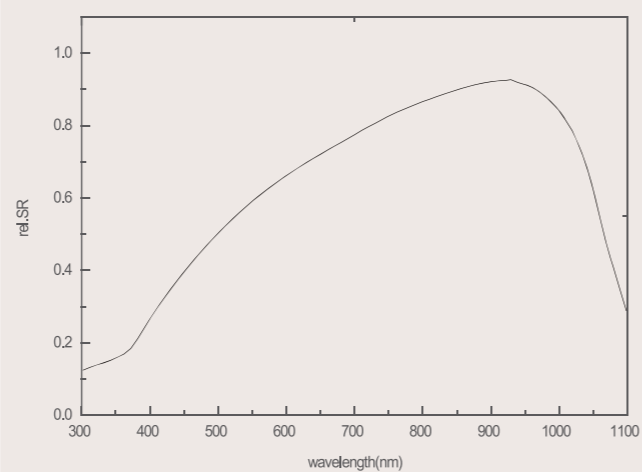
POLYCRYSTALLINE CELLS, 156 X 156 MM, EFFICIENCY UP TO 18.90 %

- Up to 18.90% efficiency one of the highest performing mono crystalline cells on the marke
- Blue anti-reflecting coating allows more sunlight be captured and converted to electricity.
- Thin fingers and three bus bar design reduces serial resistance, increased power on module level
- Better performance in low light conditions for improved energy yield
- Lower light-induced degradation leads to greater power output over the entire module lifetime
- All solar cells are tightly classified to optimize output of module
- Quality and regular calibrations are traceable
- Low breakage rate
- Uniform color and appearance

IV CURVE



Relative Spectral Response



# Poly 156MM

POLYCRYSTALLINE CELLS, 156 X 156 MM, EFFICIENCY UP TO 18.90 %

MECHANICAL SPECIFICATION		TECHNICAL DRAWING	
Product	Polycrystalline solar cell		
Format	156mm x 156mm ± 0.5mm Diagonal:165mm		
Average thickness (Si)	180um ± 20um		
Front surface (-)	1.4mm bus bars(silver), blue anti-reflecting coating(silicon nitride)		
Back surface (+)	2.8mm wide soldering pads(silver), back surface field(aluminum)		

ELECTRICAL CHARACTERISTICS							
No.	Efficiency(%)	Pmpp(W)	Umpp(V)	Impp(A)	Uoc(V)	Isc(A)	FF(%)
1	18.9	4.60	0.540	8.57	0.638	9.07	79.83
2	18.8	4.58	0.539	8.52	0.638	9.03	79.71
3	18.7	4.55	0.538	8.49	0.637	9.01	79.71
4	18.6	4.53	0.537	8.47	0.635	8.98	79.68
5	18.5	4.50	0.535	8.44	0.634	8.95	79.63
6	18.4	4.48	0.534	8.42	0.632	8.93	79.57
7	18.3	4.45	0.532	8.40	0.631	8.91	79.52
8	18.2	4.43	0.531	8.37	0.629	8.89	79.45
9	18.1	4.40	0.530	8.34	0.628	9.86	79.46
10	18.0	4.38	0.528	8.32	0.626	8.83	79.53
11	17.9	4.36	0.527	8.32	0.625	9.83	79.15
12	17.8	4.33	0.525	8.29	0.623	9.81	79.17
13	17.6	4.28	0.525	8.21	0.627	8.80	79.19

Tolerance: Voc: ± 0.015V, Isc: ± 0.45A, FF: ± 0.9%

