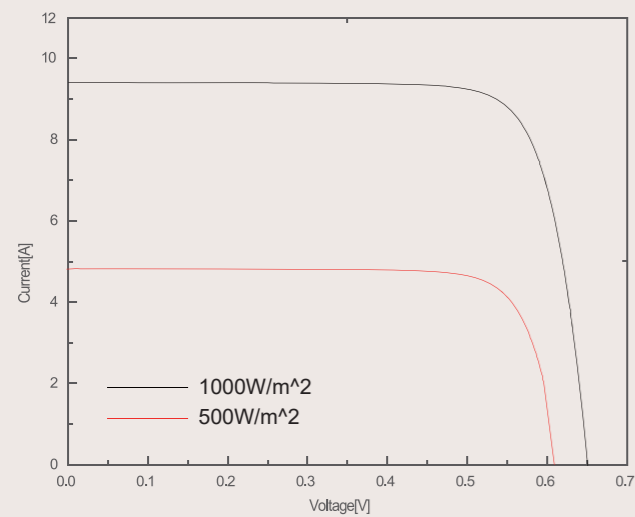


Mono PERC 156MM

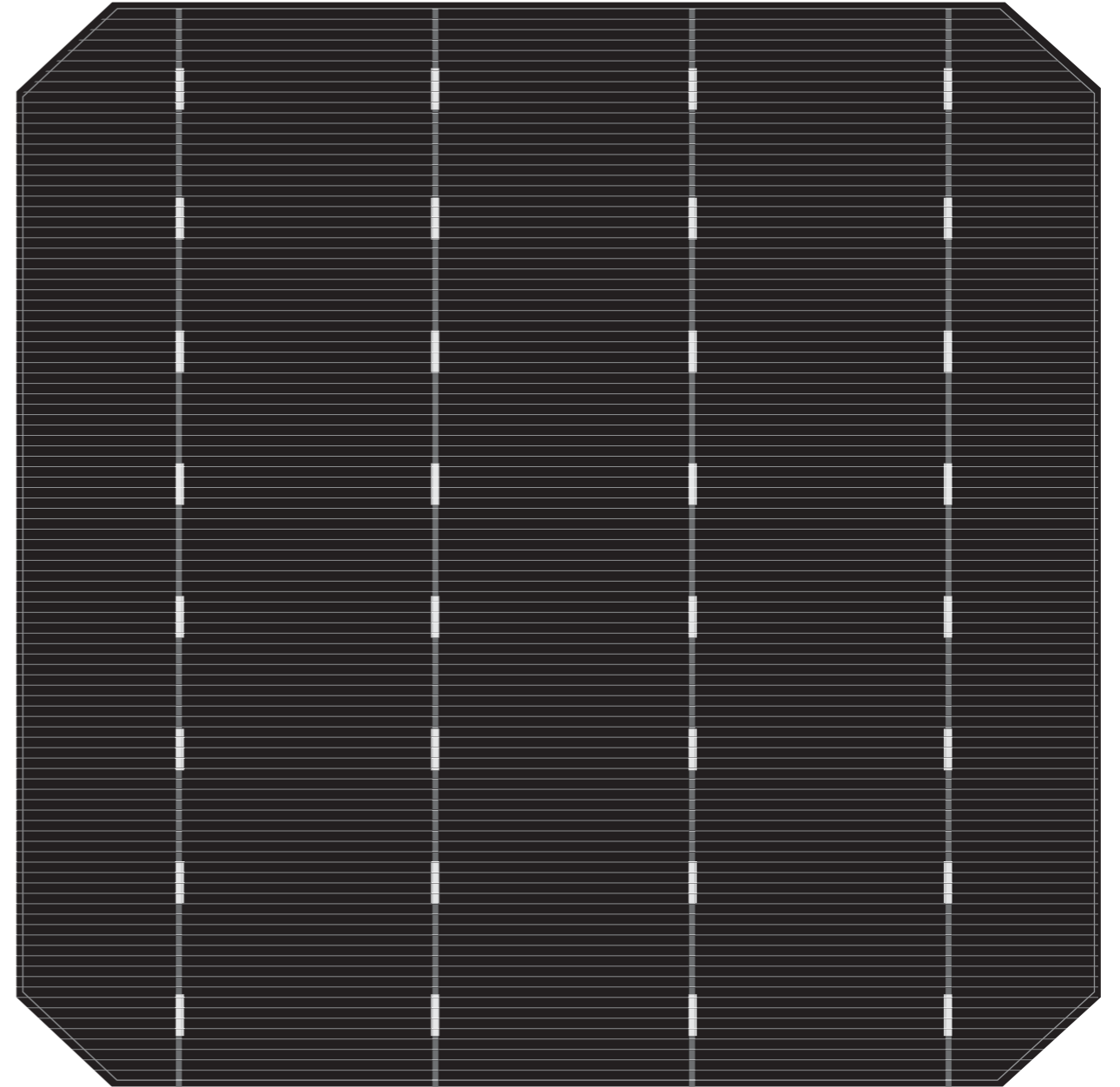
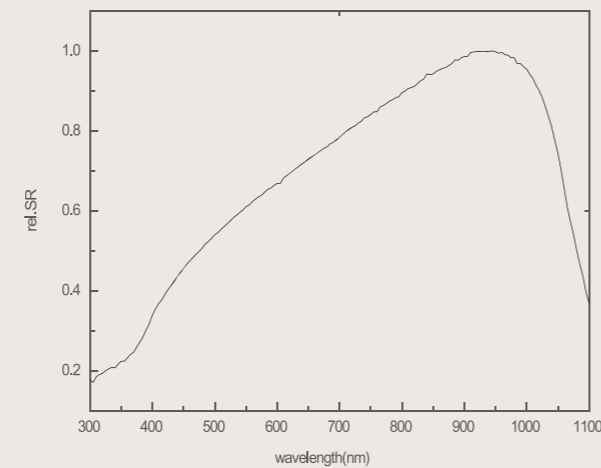
MONOCRYSTALLINE PERC CELLS, 156X156MM, EFFICIENCY UP TO 21.30%

- Up to 21.30% efficiency one of the highest performing mono crystalline cells on the market
- Four bus bars boosts current collection over the entire cell area, leading to higher fill factors and MORE POWER.
- Blue anti-reflecting coating allows more sunlight be captured and converted to electricity.
- Finer, closer fingers improves charge collection while minimizing shading
- Excellent performance due to outstanding low-light behavior
- 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
- Strict quality control procedure and good raw materials ensures superior electrical long-term stability
- Premium appearance results in a highly uniform and aesthetically appealing module

IV CURVE

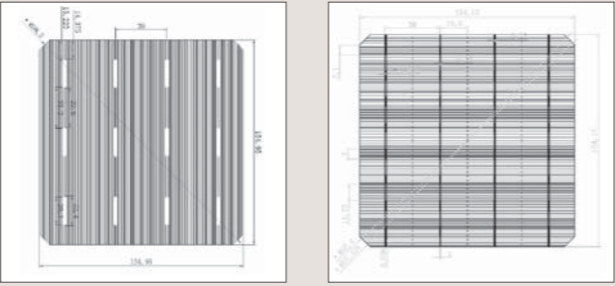


Relative Spectral Response



Mono PERC 156MM

MONOCRYSTALLINE PERC CELLS, 156X156MM, EFFICIENCY UP TO 21.30%

MECHANICAL SPECIFICATION		TECHNICAL DRAWING	
Product	Monocrystalline solar cell		
Format	156mm x 156mm ± 0.5mm Diagonal:200mm		
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	21.3	5.16	0.564	9.14	0.664	9.67	79.97
2	21.2	5.14	0.562	9.13	0.663	9.67	79.96
3	21.1	5.11	0.560	9.12	0.662	9.65	79.95
4	21.0	5.09	0.558	9.11	0.661	9.63	79.92
5	20.9	5.07	0.557	9.09	0.660	9.61	79.86
6	20.8	5.04	0.555	9.08	0.659	9.61	79.64
7	20.7	5.02	0.553	9.07	0.658	9.60	79.48
8	20.6	5.00	0.552	9.06	0.657	9.59	79.36
9	20.5	4.97	0.550	9.14	0.656	9.58	79.22
10	20.4	4.95	0.548	9.03	0.654	9.56	79.08
11	20.3	4.93	0.547	9.01	0.653	9.55	78.94

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

