



Color Solar Cells with the world's highest conversion efficiency

HIGHLIGHTS :

- Wide range of color selections
- Custom color design available
- Custom module design available

TECHNOLOGIE :

- Compatible with the existing production technology
- 30MW annual output
- Efficiency >15%

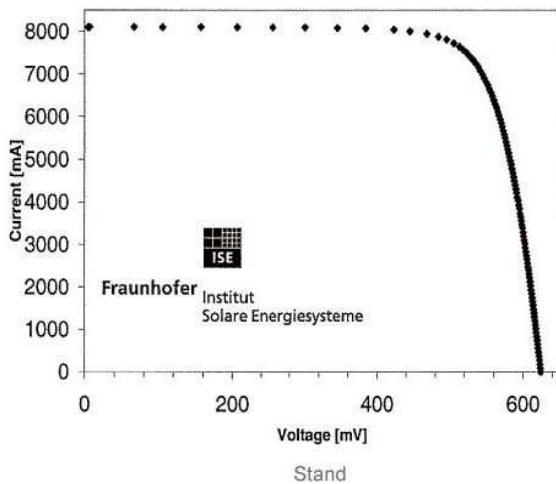
ELECTICAL CHARACTERISTICS :

code	16.60	16.40	16.20	16.00	15.8	15.60	15.40	15.20	15.00	14.80	14.60
Efficiency Range [%]	16.7-16.5	16.5-16.3	16.3-16.1	16.1-15.9	15.9-15.7	15.7-15.5	15.5-15.3	15.3-15.1	15.1-14.9	14.9-14.7	14.7-14.5
Average Power [w]	4.04	3.99	3.94	3.89	3.85	3.80	3.75	3.70	3.65	3.60	3.55
Power Range [w]	4.06-4.02	4.02-3.97	3.97-3.92	3.97-3.87	3.87-3.82	3.82-3.77	3.77-3.72	3.72-3.67	3.67-3.63	3.63-3.58	3.58-3.53
Short Circuit Current Isc [mA]	8270	8240	5200	8140	8080	8010	7950	7890	7870	7760	7680
Open Circuit Voltage Voc [V]	0.627	0.626	0.624	0.621	0.618	0.616	0.614	0.612	0.610	0.608	0.609
Maximum Power Current IMPP [mA]	7750	7710	7670	7620	7560	7500	7440	7380	7340	7260	7110
Maximum Power Voltage VMPP [V]	0.52	0.518	0.515	0.512	0.510	0.508	0.505	0.503	0.500	0.499	0.502
Fill Factor [%]	77.73	77.45	77.25	77.18	77.17	77.14	77.06	76.96	76.89	76.64	76.36



Solar cell efficiency comparison

Traditional(Deep blue) solar cell



Color solar cell

