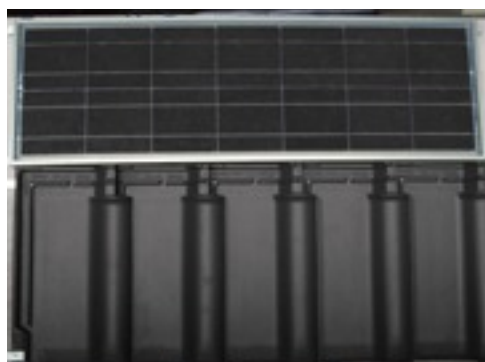


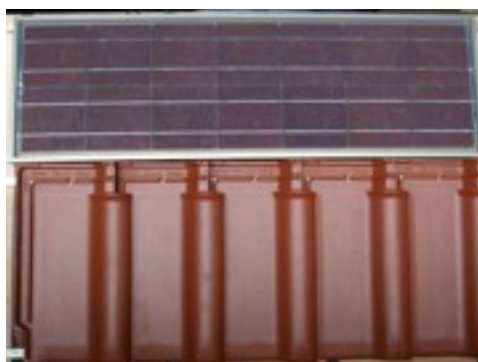
Oriental Beauty

Solar power in a zen way

True Steel BIPV Module



Tile Red BIPV Module



C-Cell™ Color Solar Cell from LOF only

LOF SOLAR has developed the first ever high efficiency color solar cell in the world. Our conversion efficiency is 30% higher than the competitor's products. Our C-Cell™ are now available in green, purple, red, gray, and etc.

With LOF's patented nano technology, the C-Cell™ conversion efficiency can reach beyond 15%, recently confirmed by the Fraunhofer ISE (Institute for Solar Energy) in Germany. And their life time is comparable to the traditional blue solar cells, easily passing 25 years.

In the past, solar cells could only be produced in indigo hues, due to the antireflection film coated on the cell surface. The monochrome color of these cells inhibited its use in aesthetic design, and thus posed limits to its popularity. LOF's colorized solar cells do not hamper conversion efficiency, and its design can be combined with the exterior hues of buildings and houses, to enhance color coordination. Our C-Cell™ will lead the way into an "era of color", which will not only expand solar cell application, but will also greatly enhance its product value.

SPEC SHEET OF LOF SOLAR COLOR BIPV MODULE

Color	TILE RED	TRUE STEEL
Application	Architectural-Integrated PV, Roof-Integrated PV, PV Roof tile	Architectural-Integrated PV, Roof-Integrated PV, PV Roof tile
Power (Wp)	49.71	49.71
Lamination	GLASS/ TEDLAR(Transparent Tedlar)	
Module layout	2 x 7(14 cells),	
Cell Dimensions	156 x 156 mm	
Maximum power voltage (Vmpp)	6.978 V	6.978 V
Maximum power current (Impp)	7.124 A	7.124 A
Open circuit voltage (Voc)	10.328 V	10.328 V
Short circuit current (Isc)	7.937 A	7.937 A
Cell efficiency (in module)	14.62%**	14.62%**

* Same grade of blue cells are used in both modules. After colorization, the colour module shows high-efficient (14.87% & 14.62%). Comparing to competitor's 11% or thin-film's 7%, our colour is the top solution for high efficiency BIPV.