



Your first and only Choice in Renewable energy

## ■ *Building Integrated Photovoltaics (BIPV)*

The leader in thin-film amorphous-silicon photovoltaic (PV), offers a revolutionary new line of solar electric roofing panels. Unlike other photovoltaic technologies that use heavy, glass modules, United Solar Systems Corp.'s panels are flexible, lightweight, and architecturally attractive. These rooftop solar systems emulate conventional roofing materials in design, construction, function, and installation.



United Solar Systems Corp. is a joint venture of two of the world's most respected technology companies: Energy Conversion devices, Inc. (ECD) and Canon Inc. ECD and Canon formed United Solar in 1990.



## ■ *Photovoltaic*

Originally developed as a source of energy for satellites, photovoltaic technology is

changing the energy-source paradigm around the world. Solar power is produced silently with no pollution and no depletion of resources. It is easily integrated into commercial and residential building architectures.



Whether for use in a remote location (off-grid), as an upgrade to existing utility power, or as an environmentally superior alternative to conventional grid-supplied electricity, United Solar roofing products combine solar power generation with standard roofing applications.

## ■ *Technology*

United Solar's Triple Junction technology provides unprecedented levels of efficiency for amorphous-silicon solar cells. By combining this advance technology with a proprietary roll-on-roll cell deposition process, United Solar is able to fabricate, flexible, lightweight solar electric laminate for building integrated photovoltaic (BIPV).

