



Energy MUST®



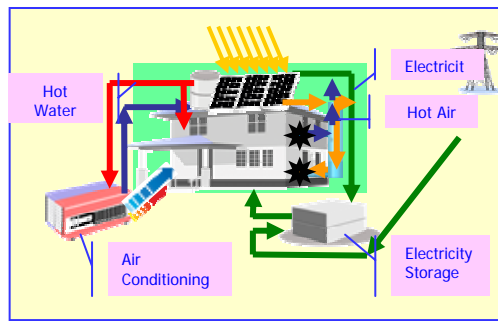
Features & Benefits

- ☒ **Integral cooling system:** Enables 20% PV annual efficiency enhancement.
- ☒ **High electricity production:** Utilizes a "sun trap" by using low iron double glazing polarized one-way mirror glass on the PVT collector.
- ☒ **Better use of Light Spectrum:** Uses IR wavelength for thermal energy and Visible Light wavelength for electricity.
- ☒ **Savings in framing costs:** Uses the same frame for combined PV and Thermal panel.
- ☒ **Saving hard glass lamination costs:** Uses the same glass cover for the PVT collector.
- ☒ **Savings in construction costs:** Uses one construction setup for both the PV and Thermal system.
- ☒ **Savings of rooftop area costs:** Uses an integrated dual system.

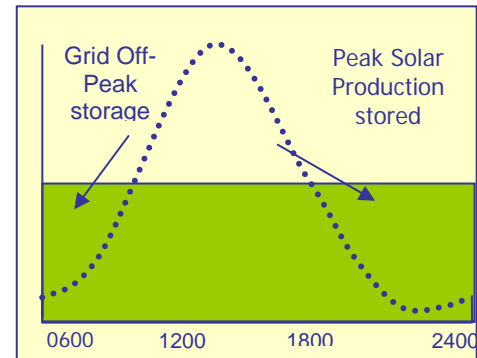
☑ Renewable Energy System

Multi Solar System (MSS) Millennium's patented technology simultaneously produces electricity (PV cells), hot water (thermal collector components) and hot air at high efficiency. The electricity and hot water can be used for various functions including hot water, hot air for space heating/space cooling by air/heat exchange conditioning technology and electricity for lighting and home appliances. Energy storage technology is used in off-grid applications.

Integrated and Comprehensive Renewable Energy System



Optimizing Electricity Production Versus Consumption



☑ High performance

High-power module using 2x72 125mm square multicrystalline silicon cells with 14.3 % module conversion efficiency. Photovoltaic module with bypass diode minimizes the power drop caused by shade.

☑ High quality

Advanced EVA encapsulation with highest quality strengthened glass embedded with years of manufacturing and quality assurance procedures.

☑ Lifetime guarantee

Manufacturer lifetime guarantee for 25 years. Warranty for module 80% performance after 20 years