

DESIGN ENGINEERING

MATERIAL TESTING

FABRICATION DELIVERY

SFT

Sanxin Façade Technology Solar Unitized Façade System-CW1300S

BUILDING FAÇADE SUPPLY SPECIALIST

Unitized Solar Façade System-CW 1300S

The BIPV façade system CW1300S is developed from new photovoltaic technology, with unique features and functions, it can provide green solutions for different constructions nowadays, especially for sustainable building project. According to project application, SFT provides two types of BIPV curtain wall systems:

Poly Crystalline BIPV System

1. Durability - Lifespan is comparable to that of the expensive mono-crystalline type. Performance can last more than 25 years.
2. Efficiency - 12 percent of the sunlight on the panel at any given time is converted into useable energy.
3. Cost - Compared to mono-crystalline type, the poly crystalline solar panel is much cost effective.
4. Green - solar energy is a clear energy, the panel can convert it into useable energy with no carbon emission.
5. Recommend for roofing or skylight system.

Thin Film BIPV System

1. Aesthetic – Provide vision from interior, unlike Poly Crystalline, which is opaque from Interior. Thin Film Technology can offer green energy and great view from interior at the same time.
2. Stable Performance - stable performance in non-glaring condition. Even on cloudy days, the system can still supply green energy
3. System – Combining with SFT unitized curtain wall system, CW1300S can offer flexible framing system for vertical wall application. Easy to install with limited site labor cost.
4. Recommend for vertical wall system that desire vision light into building.



ISO 14001:2004



ISO 9001:2008

Solar Panel Data

Series	Nominal Power Output (Pm)		Voltage at Pm point (Vpm)		Current at Pm point (Lpm)		Open Circuit Voltage (Voc)		Standard Dimensions (mm)
	Min	Max	Min	Max	Min	Max	Min	Max	
Thin Film	100W	142W	75V	126.20V	1.08A	1.40A	96.88	161.95V	1400 x 1100 x 24.6
Poly Crystalline	/	210W	/	46.4V	/	4.51A	/	57.9V	1602 x 1061 x 40



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