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CPS Solar Panel Mid Clamp

An efficiency Solar Panel Clamp System based on private use.
The first BIPV (Building-integrated photovoltaics) structure in Taiwan.
The solar panel directly as roof, transmitting daylight;
and without roofing sheet, reducing heat exhaustion to Solar Panel.
Extension the Life-cycle of Solar Power Generation, it's practical.
Precise designed, saving materials, Waterproof & Anti-Hurricane,
enhance the safety of structure.



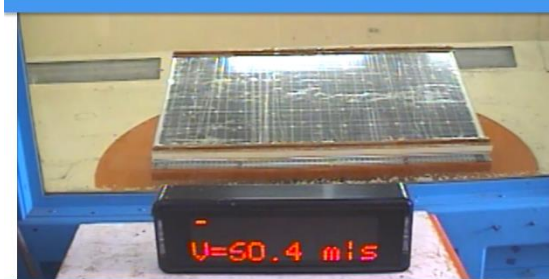
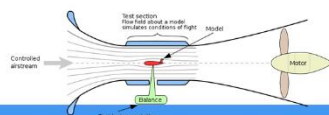


Features of CPS Solar Panel Mid Clamp

- An anti-hurricane function Solar Panel Mid Clamp, qualified the Wind tunnel test of NCSIST* wind resistant up to $V=60\text{m/s}$ (Beaufort scale Grade 17)
*NCSIST: National CHUNG-SHAN Institute of Science and Technology (Taiwan)
- BIPV structure, could be without roofing sheets, transmitting daylight, reduce heat exhaustion.
- Maintain the Life-cycle of Solar Power Generation for 20~25 years.
- Parallel structure--connect the solar clamps on both sides of the module, which made a strong structure.
- Galvanized steel, Waterproof, No leaking at rainy day.
- With design Patents from the U.S. , Japan, and many countries.
- Toughness, Waterproof, Anti-Hurricane, Space-Efficient

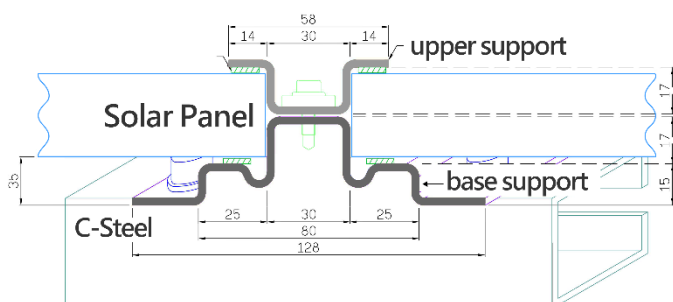


NCSIST-Wind Tunnel test
 $V=60\text{ m/s}$ (Beaufort scale Grade 17)



CPS Solar Panel Mid Clamp:

Upper support: 2mm, base support: 2.5mm



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