Installation Requirements

* Latitude Tilt (~14 deg for North Philippines)
* Facing south

Strength Requirements

* 300 kph wind
* F_D\, =\, \tfrac12\, \rho\, v^2\, C_d\, A,
* 2450 Newtsons

Durability Requirements

* 10 years
* 25 year lifetime of panel

House Safety

* High winds on the panel shouldn’t break the house
* Oscillating…

Taobao