

Hi Friend

Thank you very much for choosing our products!

When you open the package, pls be carefully, check the goods according to the pack list;

For the switchable self-adhesive film, the adhesion is not strong, just self-adhesive function, no special glue, it is different with other window film;

So before you install the film, pls read the following items carefully!

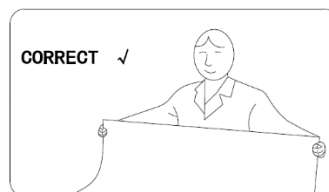
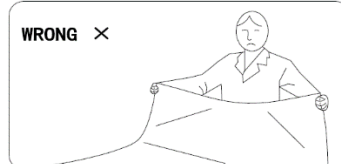
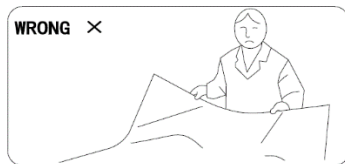
Very important!

Thanks!

1. Film Handle:

The film can't be fold, if fold easy damage, the film will be not work;

The film should be roll station or flat on the flat table;



2. Film and Glass Clean:

Don't use water to clean the film or glass, pls use alcohol;

Before you stick the film, must ensure the glass surface dry totally!

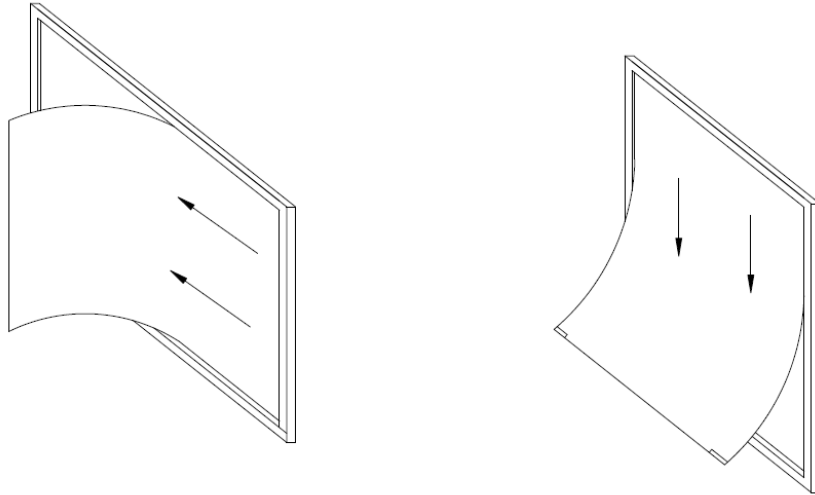
Note: Don't connect power immediately after you use alcohol or other liquid material to clean the film and busbar, must let film or busbar dry totally, then power on!

3. Film Installation method:

When you install the self-adhesive film, pls from one side to another side, normally from the top side to the down side, don't stick from two side to the middle;

If stick from two side to central, in the central parts, there will have force stress on the film, the film will be damaged after long time;

Note: Self-adhesive PDLC film edge and busbar position don't touch the mental frame, pls leave at least 1mm gap with mental frame, otherwise the film will be short-circuited with metal frame;



4. How to avoid bubbles:

Normally the bubble is caused by dust, the dust mainly come from: glass surface, air, hands and film surface, so you need find way to avoid the dust:

For the dust in air, at beginning, use water tan to spread some water in air to reduce the air dust;



For the glass surface dust, after you spread some glass clean liquid on the glass, you need use metal scraper to clean the glass surface totally, because there have some fixed dust stick on glass surface;



For the dust film and hands, pls clean the two side surface of the film and hands before installation;

5. How to avoid film edge get out from glass:

Sometimes if you find the film edge is difficulty to stick, pls use the following method:
 First, the film size normally is smaller about 2-3mm than glass size on each side, if you find the film size bigger, you need try to cut the film smaller;

When you open the package, you can lay the film on flat table to reduce the curve condition , or you can try to curve or roll the film with reverse direction to offset the curve;

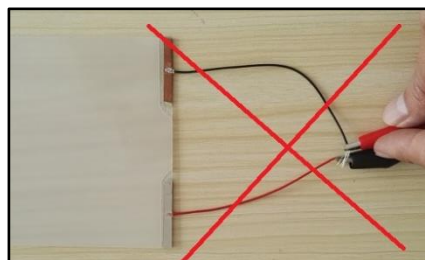
Also, you can use hot melt adhesive to fix several point of film edge, but the melt glue must be neutral, no acid;



Important! After finish the film installation, you need use neutral silicon glue to seal all film edge and busbar immediately;

6. Busbar operation :

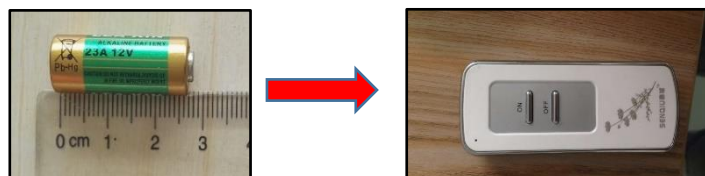
Don't let two busbar wire shortcut !



Don't pull the busbar wire, the busbar is easy to pull separate with the film or glass!
 Import! If there have some water or alcohol on the busbar and film edge position, don't connect power, let the film dry totally, then connect the power!

7. Remote Switch Battery:

Due the express company can't send the goods with any battery, so when you get the remote switch, pls find the right battery for the remote switch;



8. Work Voltage:

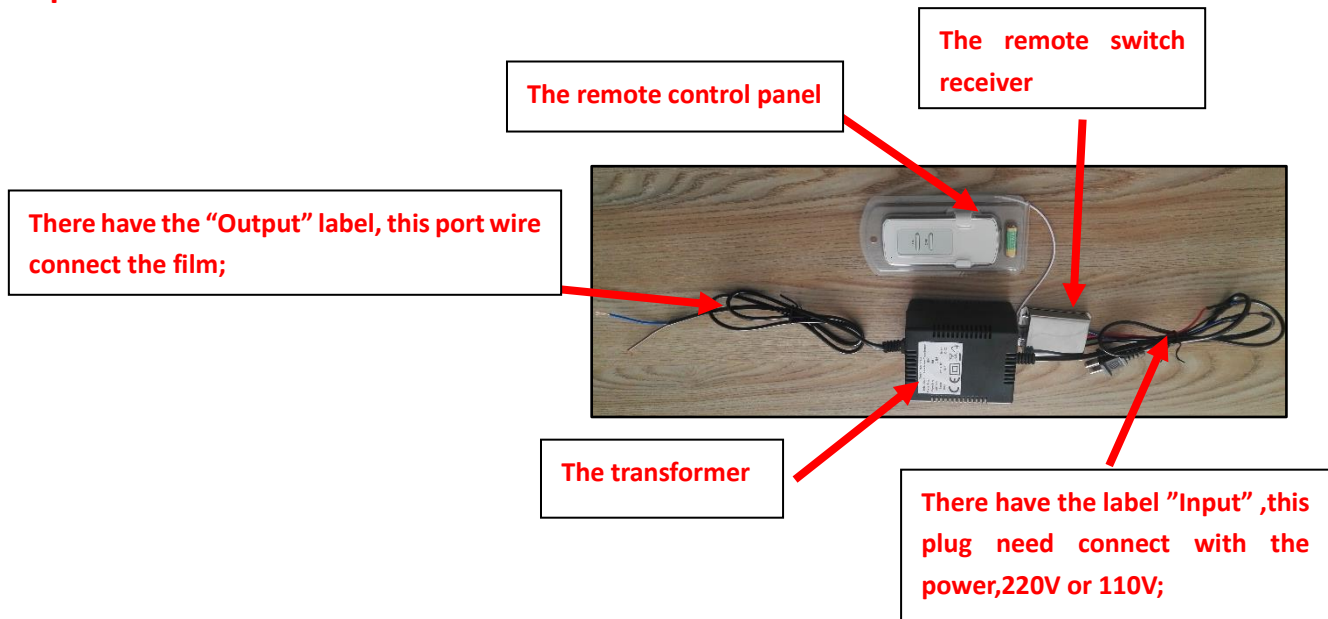
Use the working voltage based on our products requirement, don't more than that; Don't use other type and high voltage power, we suggest you use our transformer ;

Note:pls check our products label, there have the voltage requirement!

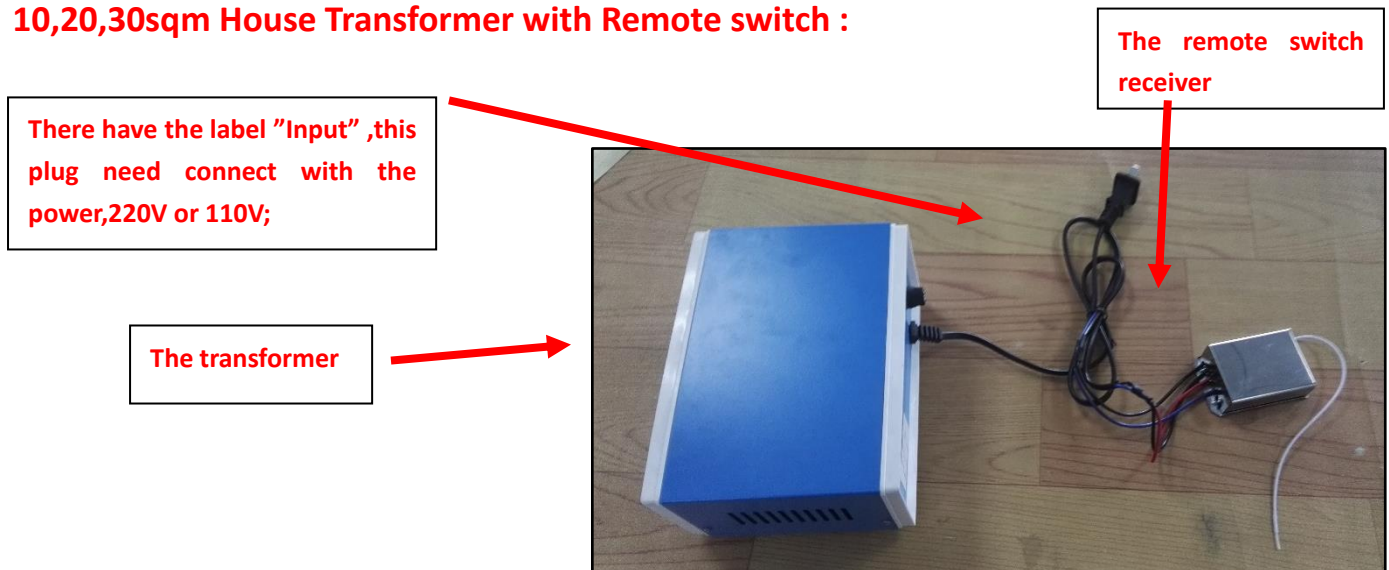
9. How to connect the transformer:

Pls check the last page drawing

5sqm House Transformer with Remote switch :



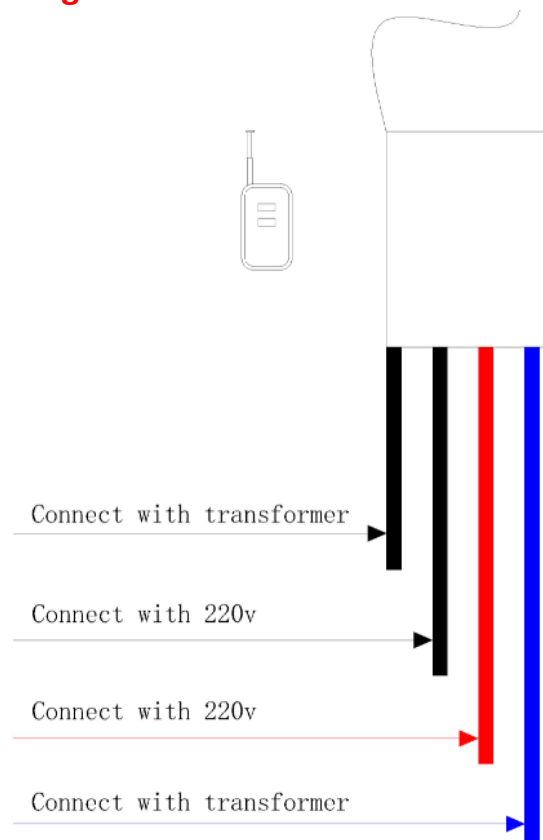
10,20,30sqm House Transformer with Remote switch :



There have the "Output" label, this port wire connect the film or glass,like red and black wire;



The Remote Switch Receiver Connection Drawing:



10. Silicon Sealant Glue:

Our film and glass can't use acid glue to seal the glass or film edge and busbar, you must use the neutral silicon glue, we suggest use TOSHIBA 381;

After you finish the film installation, you should use silicon glue to seal the film edge and busbar position immediately!

- Note:
1. must use neutral silicon sealant;
 2. silicon sealant glue no shrink when dried;
 3. silicon sealant without organic solvent;

11.How to cut the film:

If you want to cut the film, if you don't have the professional film cutter, pls use scissor to cut, can't use knife;

After you cut with scissor, pls use alcohol without water to clean the film edge several time;

12. Non-adhesive film laminated process:

Pls use the EVA film without plasticizer to laminated the PDLC film, otherwise the plasticizer will react with the UV material of PDLC film;

We can supply the full support,if you have any demand,pls let me know!

After you read above items carefully, pls saw the following video instruction:

Self-adhesive Switchable PDLC Film Installation Video



Busbar installation Video



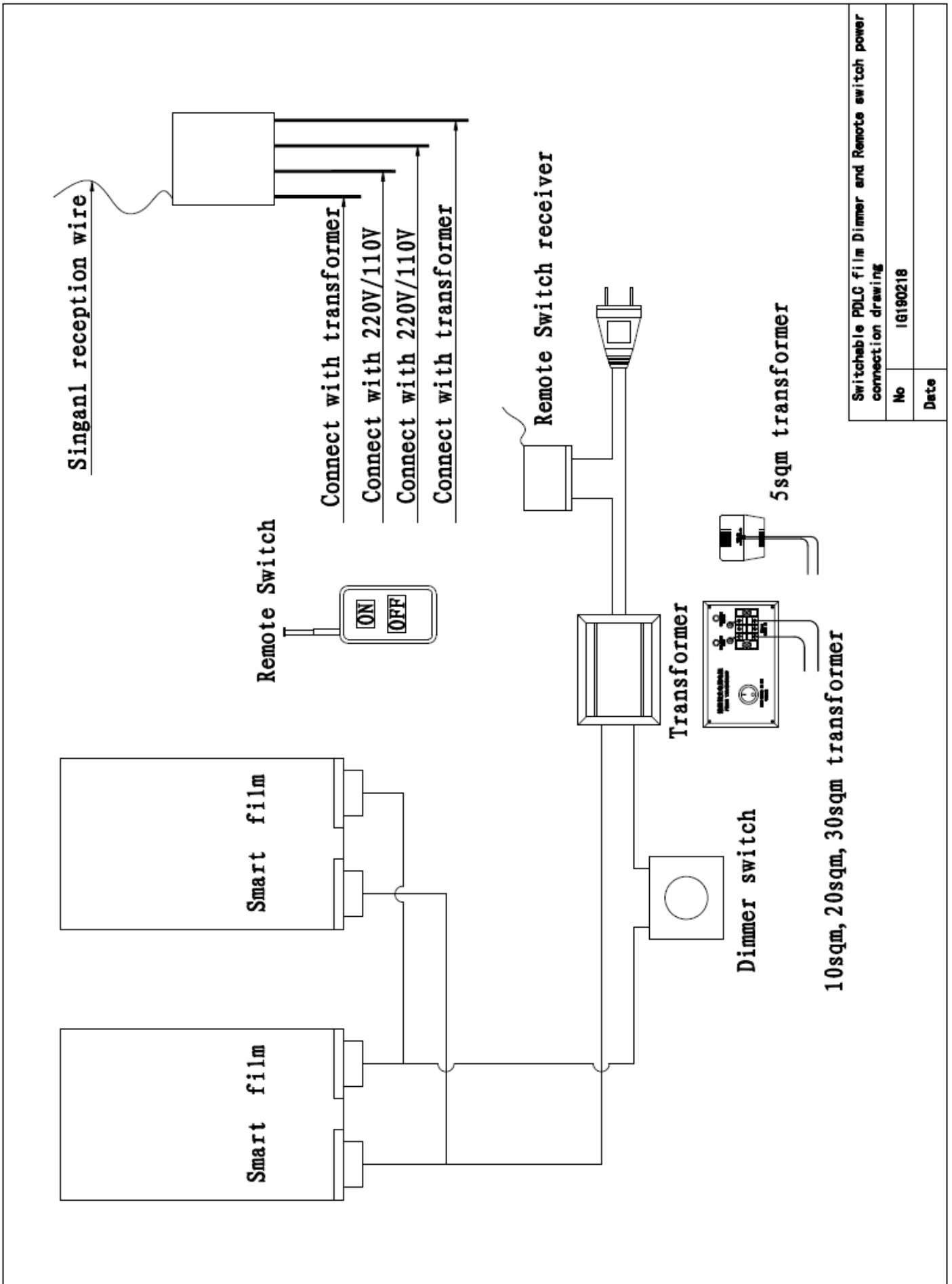
Our website:www.inno-glass.com



If you still question, pls contact with us freely!

InnoGlass

Power connection drawing:



Switchable PDLG film Dimmer and Remote switch power connection drawing	
No	IG190218
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