

## CONTROLLERS

### 1.DIMMER

This regulator system product is researched and developed especially for smart glass/smart PDLC film by our company. You can use it to control all types smart glass/film from 36V to 110V on the market. It's also called voltage regulator, voltage adjustable transformer, dimming driver etc. Equipped with commonly use 86 series rotary switch, can be installed on the wall. High quality of all component and materials, has good performance on safe, long life span, low noise easy for operating.

Item	Data	Item	Data
Switch Method	Dimmer Panel	Power	300W
Input Voltage	AC220/230/240/110/120V	Rated Power Factor	> 90%
Output Voltage	0 ~ 50VAC	Current	0 ~ 1.5A
Voltage Protection	Self re-set	Overload Capacity	150% in one min
Size/Weight	140*110*53mm / 1.2KG	Heat Release Method	Forced cooling

### 2.TRANSFORMER

The power supply driver/transformer is developed by our company specially for smart PDLC Film and smart glass. It is made of fine copper material, has a very stable output. It has 3 grade output of driver for 50W,100W and 180W. Each for controlling 5,10,20 square meter smart glass/film. Output voltage can be set up to 36V/50V/60/65VAC.

Flame retardant material is made of casting epoxy resin. It acts high performance on insulation and water proof. The driver can be installed at special place like bathroom. You can put the transformer underground. Operating release heat is very low.

Circuit board adopts self re-cover system, It will cut power by itself when over load, over current or circuit short. When the other parts no problems, it will start to work again by itself. This system protects smart glass/film very well under a safety operation.

Transformer/Driver		Switch panel and Remote control	
Rated Power	20/50/100/180W	Control Method	Key press/Touch press
Rated Ampere	2A	Control Method	Key press/Touch press
Input Voltage	AC220/230/240/110/120V	Input Voltage	AC220VAC
Output Voltage	AC36/48/50VAC	Frequency	50~60HZ
Frequency	50~60HZ	Receiving Frequency	315HZ
Operating Temp.	- 10 °C ~ 50 °C	Operating Temp.	- 10 °C ~ 50 °C
Size/Net weight	155*90*72mm/2.1 to 2.5 KG per piece	Size/ Net weight	