



H Series Smart Film transformer can realize the film from clear to opaque by Switch control, wireless remote control, reliable switch output, long switch life, with over-voltage protection, overload protection, overcurrent protection, can be used in high different field. H Series transformer is small size, light weight, easy installation, greatly improve the intelligent level of smart glass controller.

## Technical Parameter

### Transformer

Item Type	H Series Smart Film transformer	
Product or component type	Safety and isolation transformer	
Rated power in VA	H 15	15W, 2 Sq.m
	H 30	30W, 4 Sq.m
	H 50	50W, 6 Sq.m
	H 100	100W, 12 Sq.m
Input voltage	230 V AC single phase, terminal(s): N-L1	
Output voltage	46VAC/60VAC	
Secondary winding	Single	
Protective cover	Yes	
Ambient air temperature for operation	-20...50 °C	

### Controller

Type	Wireless Controller
Frequency	433mhz
Battery	1x 12vdc
Function	On/off
Remote control distance	>25m
Size	120 x46x14mm
Weight	80g

### Complementary of transformer

Input voltage limits	210...250 V
Network frequency limits	47...63 Hz
Input voltage tolerance	+/-15 V
Efficiency	98%
Material	100% copper
Power dissipation in W	1W,2W
Output sustained overvoltage	4 % (no load, hot state)
Maximum voltage drop at rated load	0.50%
No load losses	0.5W
Output protection type	Against overload, protection technology
	Against overvoltage, protection technology
	Against short-circuits, protection technology

## Connections – terminals

For input connection: screw type terminals, connection capacity: 2mm<sup>2</sup> AWG 14

For output connection: screw type terminals, connection capacity: 0.2 mm<sup>2</sup> AWG 23

## Marking

CE

## Fixing mode

operating position: horizontal, vertical

## Operating altitude

3000m

## Electrical insulation class

Class B

## Size&Weight

H 15	15W 75*25*125mm(W*D*H mm) 0.35kg
H 30	30W 88*30*150mm(W*D*H mm) 0.8kg
H 50	50W 110*46*179mm(W*D*H mm) 1.2kg
H 100	100W 110*46*179mm(W*D*H mm) 1.6kg

## Environment

### Product certifications

CE

### Standards

EMC

EN 62479

### IP degree of protection

IP21

### Protective treatment

TC

### Ambient air temperature for storage

-40...80 °C

### Overvoltage category

Class I conforming to VDE 0106-1

### Dielectric strength

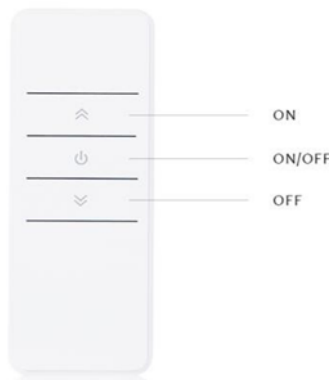
2000 V between winding and ground

## Contractual warranty

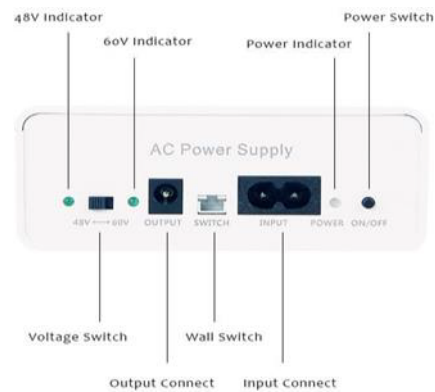
### Warranty

18months

### Controller



### Terminal



## Wires Diagram

