

<b>Name</b>	Multi-Way Output Metal Boxed Power Supply – PFC Series		
<b>Channel of Output</b>	4CH	9CH	18CH
<b>Input Voltage</b>	100-240V~,50/60Hz		
<b>Input Current</b>	1.5A Max	3.0A Max	5.0A Max
<b>Output Voltage</b>	DC 12V	DC 12V	DC 12V
<b>Output Current</b>	5A	10A	20A
<b>Power</b>	60W	120W	240W
<b>PTC protection current</b>	1.35A Max	1.1A Max	1.1A Max
<b>Efficiency</b>	≥85%	≥87%	≥88%
<b>Load Loss</b>	≤2W	≤3W	≤5W
<b>Output Ripple</b>	≤120mV		
<b>Material of enclosure</b>	1mm thick cold rolled iron		
<b>Enclosure Size</b>	208mm×152mm×40mm	282mm×206mm×40mm	
<b>Working Environment</b>	-20~45℃; 20%~90%RH, No condensation		
<b>Storage Environment</b>	-25~65℃; 10%~95%RH		
<b>Protection</b>	Over current, over voltage, short circuit protection	+Over heat	

### 4 channel Top view 1

Fence type heat dissipation window  
 Located at the bottom, large heat dissipation area



Environmental protection rubber dust threading hole  
 Holes are closed by default  
 When perforated wiring is required, the corresponding rubber threading hole can be broken

### 4 channel Top view 2

Environmental protection rubber dust threading hole  
 Holes are closed by default  
 When perforated wiring is required, the corresponding rubber threading hole can be broken



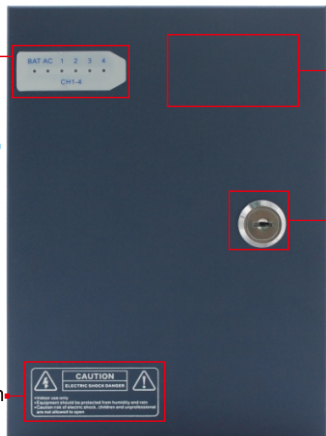
Implicit cooling window  
 Located on the sides and top, blinds style  
 Heat dissipation and dust-proof

### 4 channel main view



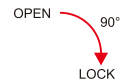
Power status indicator area

BAT: Battery status indicator (Not supported by this model)  
 AC: Mains input status indication  
 1: Channel 1 DC output status indication  
 ...  
 4: Channel 4 DC output status indication



OEM Logo Area  
 Customer brands will be silk-screened in this area

Safety lock  
 Two keys for professional operation  
 Please lock the box after installation



Electricity safety sign

### 4 channel right side view

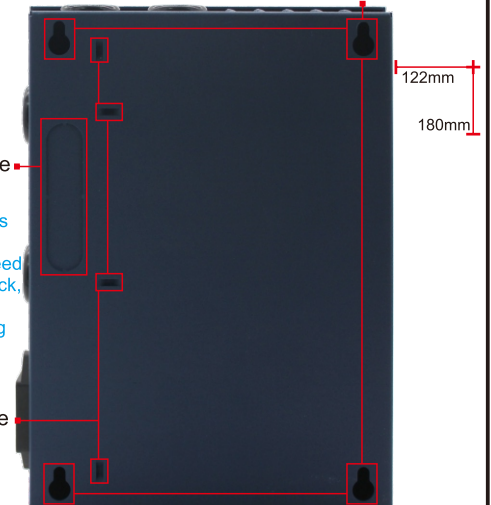


Environmental protection rubber dust threading hole  
 Holes are closed by default  
 When perforated wiring is required, the corresponding rubber threading hole can be broken

External mains input socket  
 Connect to C13 AC plug wire

### 4 channel Back side View

Wall mounting fixing holes



Back threading hole  
 Two-point welding is adopted, the default is closed state, you can pry it off when you need to thread from the back, and it cannot be recovered after prying

Cable tie fixing hole

### 4 channel internal view 1

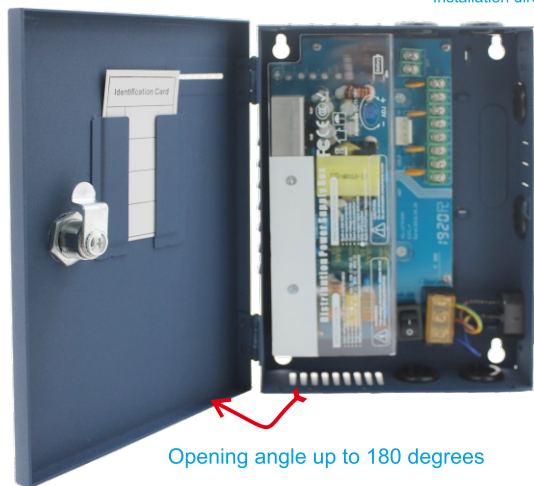
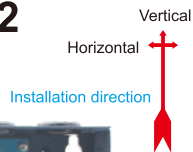
Channel connected equipment record card

After the channel equipment is connected or maintained, relevant records can be filled in

L\*W\*H:  
208mm×152mm×40mm



### 4 channel internal view 2



Opening angle up to 180 degrees

## 4 channel internal details

Power status indicator

LED1~4:When the channel 1~4 is working normally, the indicator light is on or there is no output when the fault occurs, and the indicator light is off

LED-AC:When the mains power is input normally, the indicator light is on, the power is off or the power supply fails, the indicator light is off

IC power supply heat sink

Large heat dissipation area, more stable power output

Implicit cooling window

Located on the sides and top, the blinds style combines heat dissipation and dust prevention

Power circuit board protective cover

Made of insulating plastic to prevent accidental touch and safer

Fence type heat dissipation window

Located at the bottom, large heat dissipation area

Power switch

Environmental rubber and dust protection threading hole

The default state of the hole is closed. When perforated wiring is required, the corresponding rubber threading hole can be broken  
4 channel specifications have 6 PCS environmentally rubber dust-proof threading holes

Channel output voltage regulation

The channel output voltage can be adjusted through the built-in knob:11-15V

Total power output port

When the centralized power supply connection method is adopted, the total power of the power supply can be output after being connected. The power of the appliance can break through the power limit of the channel output

Output channel terminals

When wiring the channel output terminal and the channel terminal bit mark, please pay attention to the channel position and the corresponding mark, to avoid wrong connection, please follow the left "+" right "-"

Safety lock

Two keys for professional operation Please lock the box after installation

Channel PTC self-recovery insurance

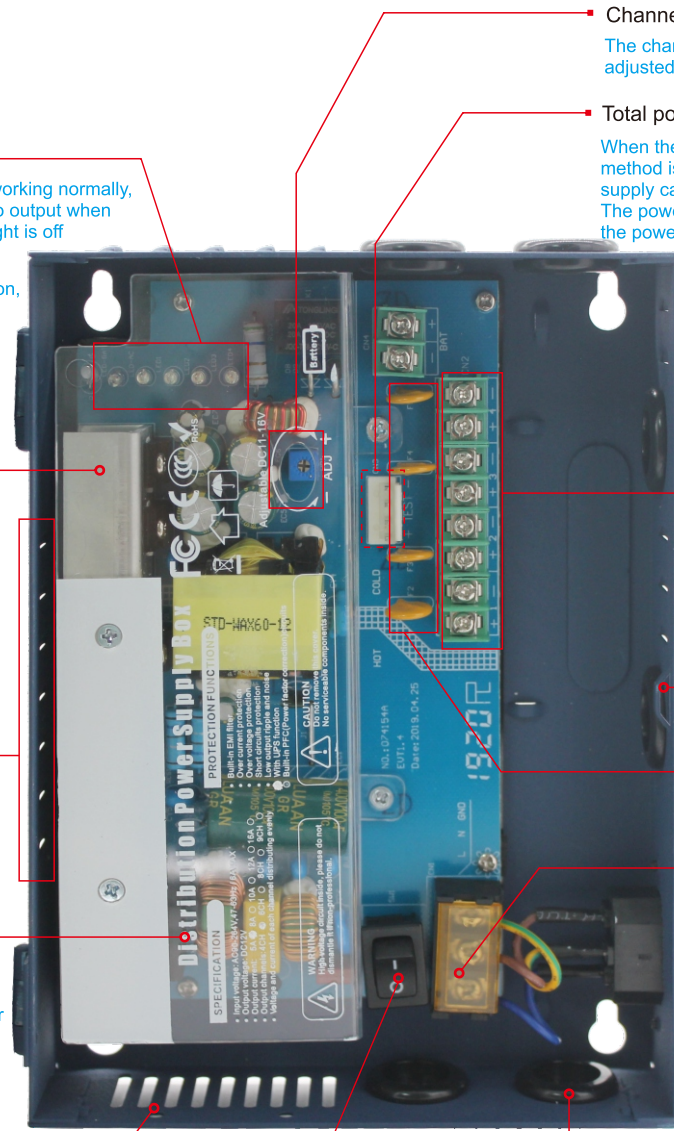
The maximum safe current of the channel is 1.35A

Internal mains access terminal

The 3Pin screw lock terminal with protective cover is used to connect the live wire, neutral wire, and earth terminal. Input voltage:AC100-240V 50/60Hz

External mains input socket

Connect to C13 AC plug wire



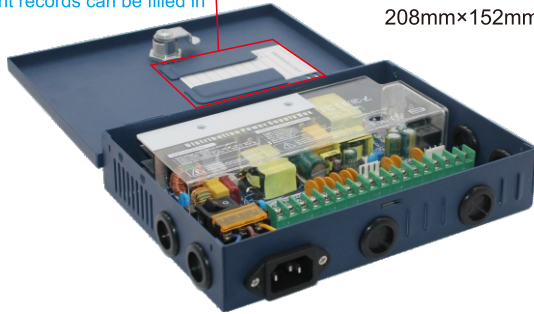


## 9 channel internal view 1

Channel connected equipment record card

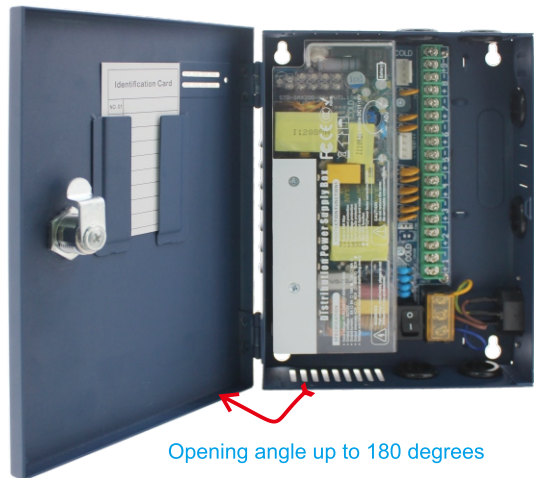
After the channel equipment is connected or maintained, relevant records can be filled in

L\*W\*H:  
208mm×152mm×40mm



## 9 channel internal view 2

Vertical  
Horizontal  
Installation direction



Opening angle up to 180 degrees

## 9 channel internal details

Power status indicator

LED1~9:When the channel 1~9 is working normally, the indicator light is on or there is no output when the fault occurs, and the indicator light is off

LED-AC:When the mains power is input normally, the indicator light is on, the power is off or the power supply fails, the indicator light is off

LLC+PFC circuit design

Support power factor correction, high efficiency, stable output

Implicit cooling window

Located on the sides and top, the blinds style combines heat dissipation and dust prevention

IC power supply heat sink

Large heat dissipation area, more stable power output

Power circuit board protective cover

Made of insulating plastic to prevent accidental touch and safer

Fence type heat dissipation window

Located at the bottom, large heat dissipation area

Channel output voltage regulation

The channel output voltage can be adjusted through the built-in knob:11-15V

Total power output port

When the centralized power supply connection method is adopted, the total power of the power supply can be output after being connected. The power of the appliance can break through the power limit of the channel output

Output channel terminals

When wiring the channel output terminal and the channel terminal bit mark, please pay attention to the channel position and the corresponding mark, to avoid wrong connection, please follow the left "+" right "-"

Safety lock

Two keys for professional operation Please lock the box after installation

Channel PTC self-recovery insurance

The maximum safe current of the channel is 1.1A

Internal mains access terminal

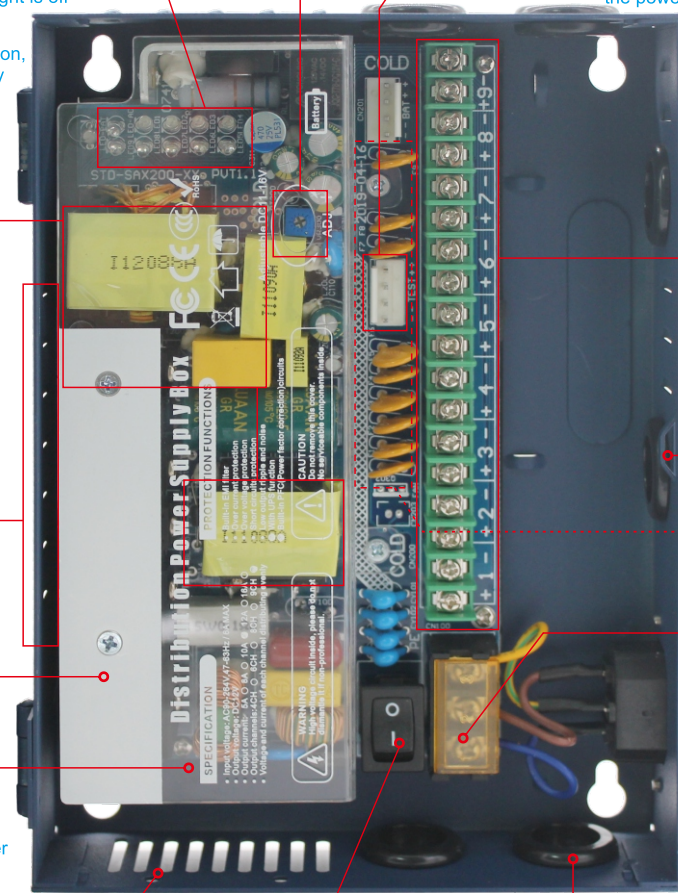
The 3Pin screw lock terminal with protective cover is used to connect the live wire, neutral wire, and earth terminal. Input voltage:AC100-240V 50/60Hz

External mains input socket

Connect to C13 AC plug wire

Environmental rubber and dust protection threading hole

The default state of the hole is closed. When perforated wiring is required, the corresponding rubber threading hole can be broken 9 channel specifications have 6 PCS environmentally rubber dust-proof threading holes

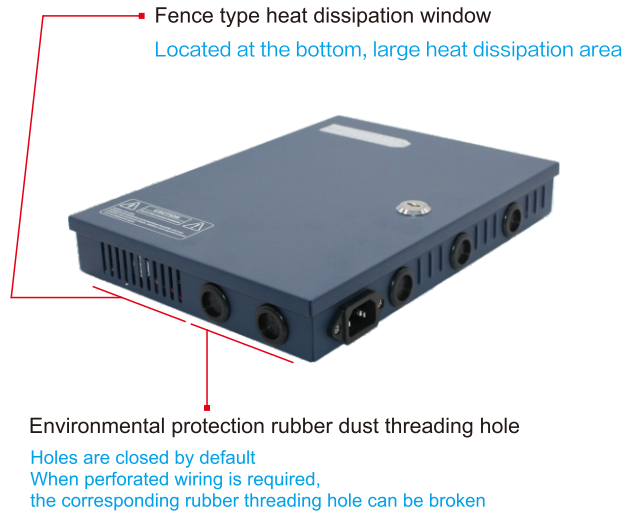


Power switch

### 18 channel internal view 1



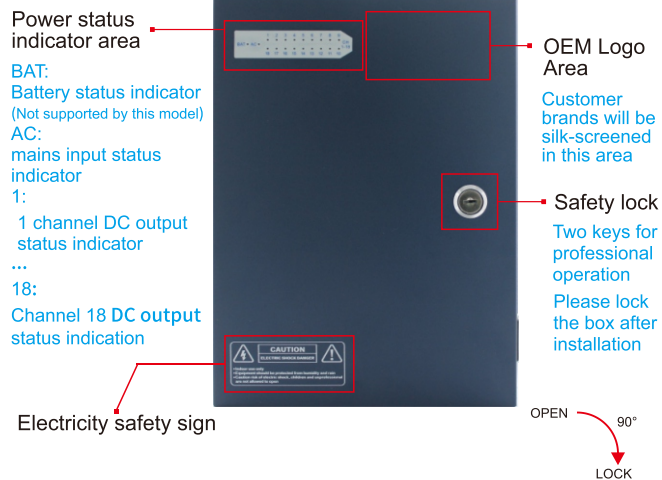
### 18 channel Top view 1



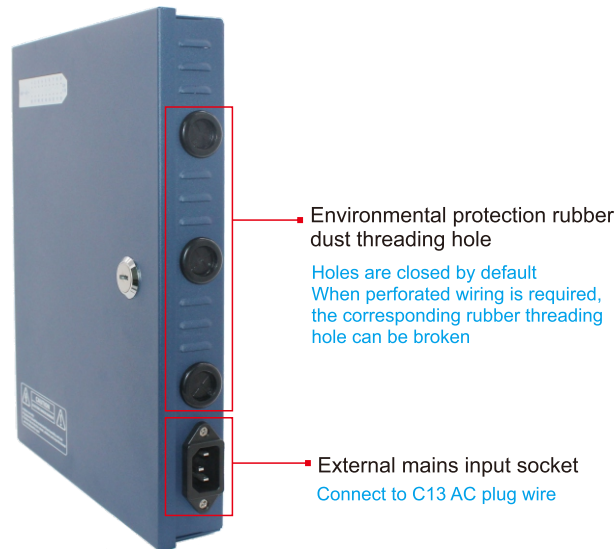
### 18 channel Top view 2



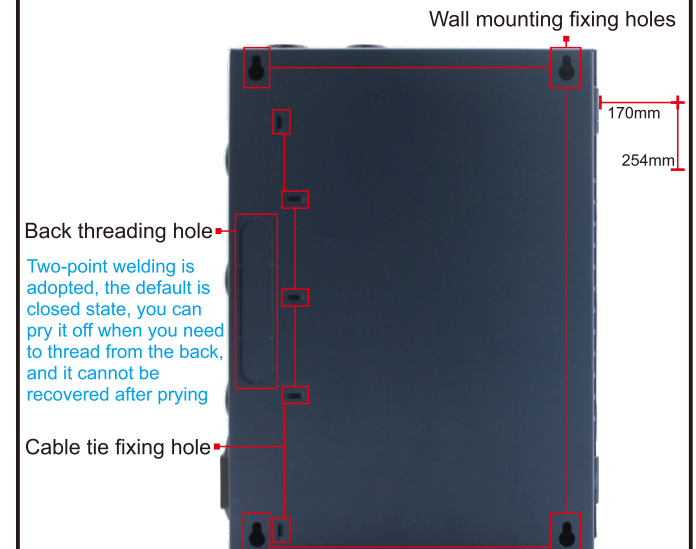
### 18 channel main view



### 18 channel right side view



### 18 channel Back side View

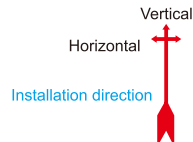




## 18 channel internal view 2



L\*W\*H:  
282mm×206mm×40mm



Opening angle up to 180 degrees

## Attention

- Do not install the power supply in a place with high temperature, rain or too much dust, and try to install it in a ventilated place.
- Be careful not to use it in an environment with water splashes and water drops.

## Application

- Camera centralized power supply system
- Monitoring and alarming centralized power supply system
- Router power supply system
- Industrial embedded power supply system



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## 18 channel internal details

