



Pole/Wall-Mounted Outdoor UPS

User Manual

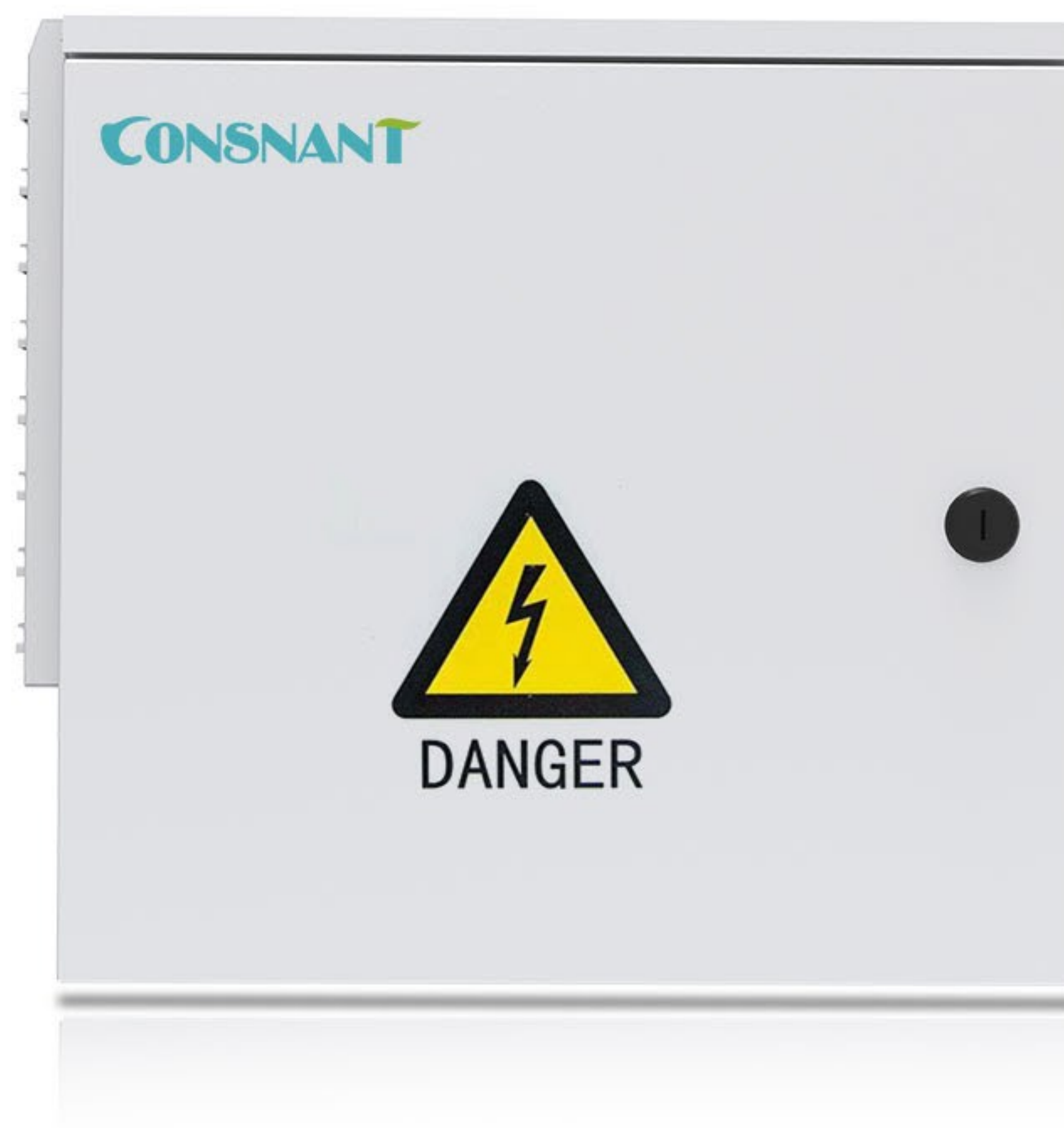
CNW110-1K 600VA/360W

Package Contents

You should have received the following items inside of package:

- UPS Unit
- User Manual

Product Appearance



Model: CNW110-1K 600VA/360W
Nominal Voltage: 220VAC
Nominal Frequency: 50Hz/60Hz
Installation Method: Pole-Mounted / Wall-Mounted

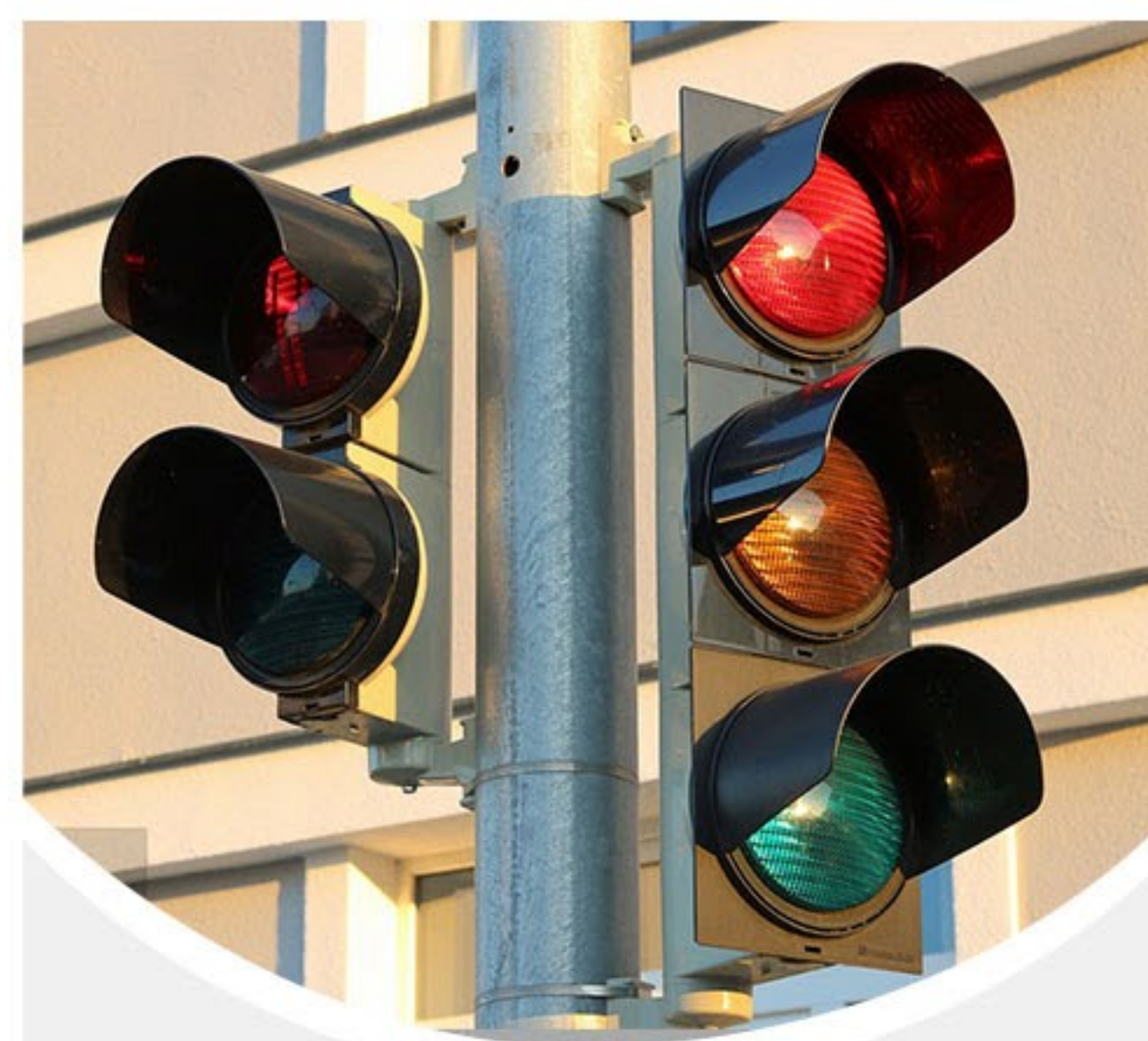
Main Features

- The drawer-type control unit is easier to install and maintain
- Excellent microprocessor control optimizes reliability
- Built-in Network Monitor Card for remote monitoring
- Boost and buck AVR for voltage stabilization
- Auto restart while AC is recovering
- Lightning protection
- Built-in super smart charger, shorten charging time

Application Field



Road Monitor



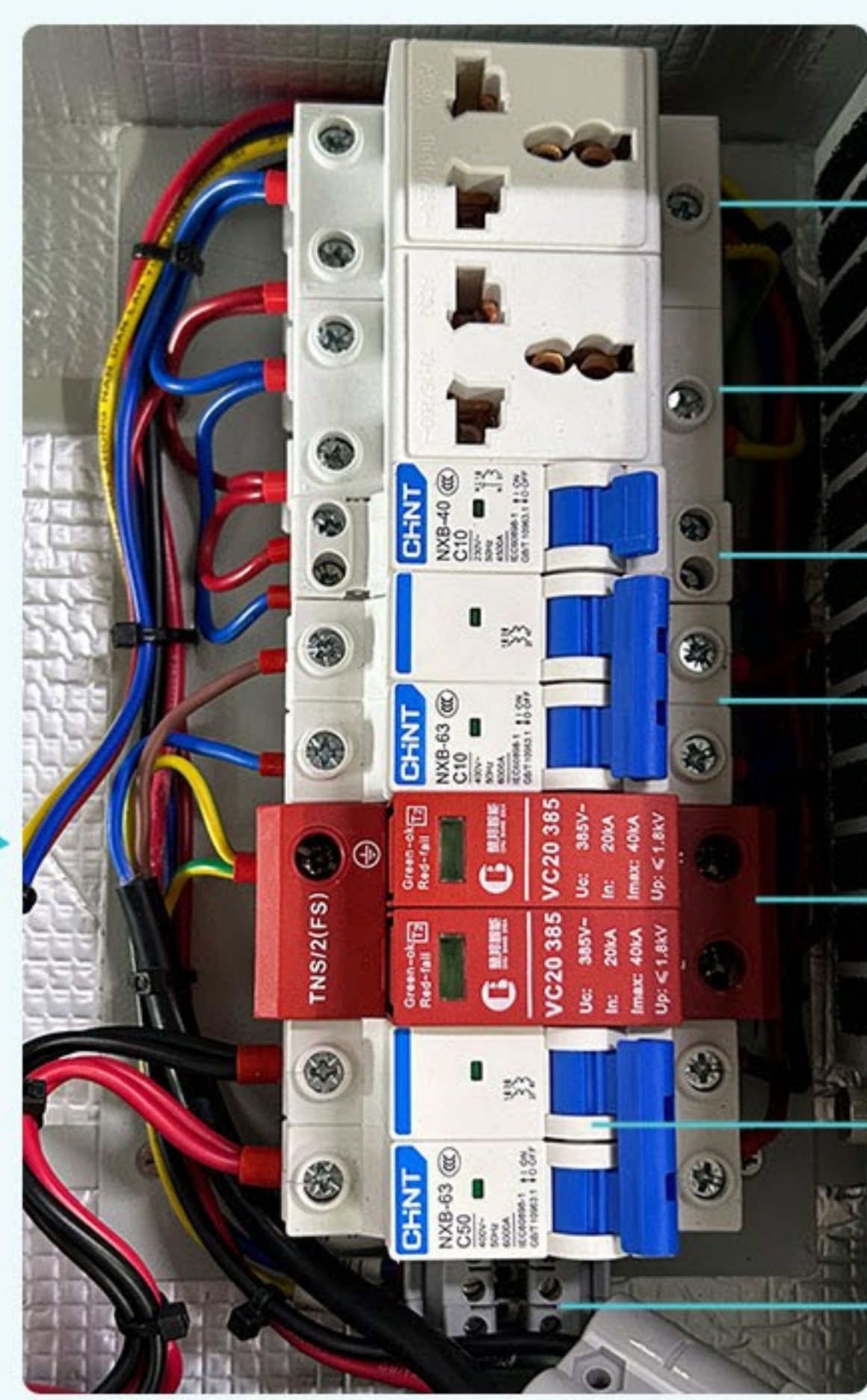
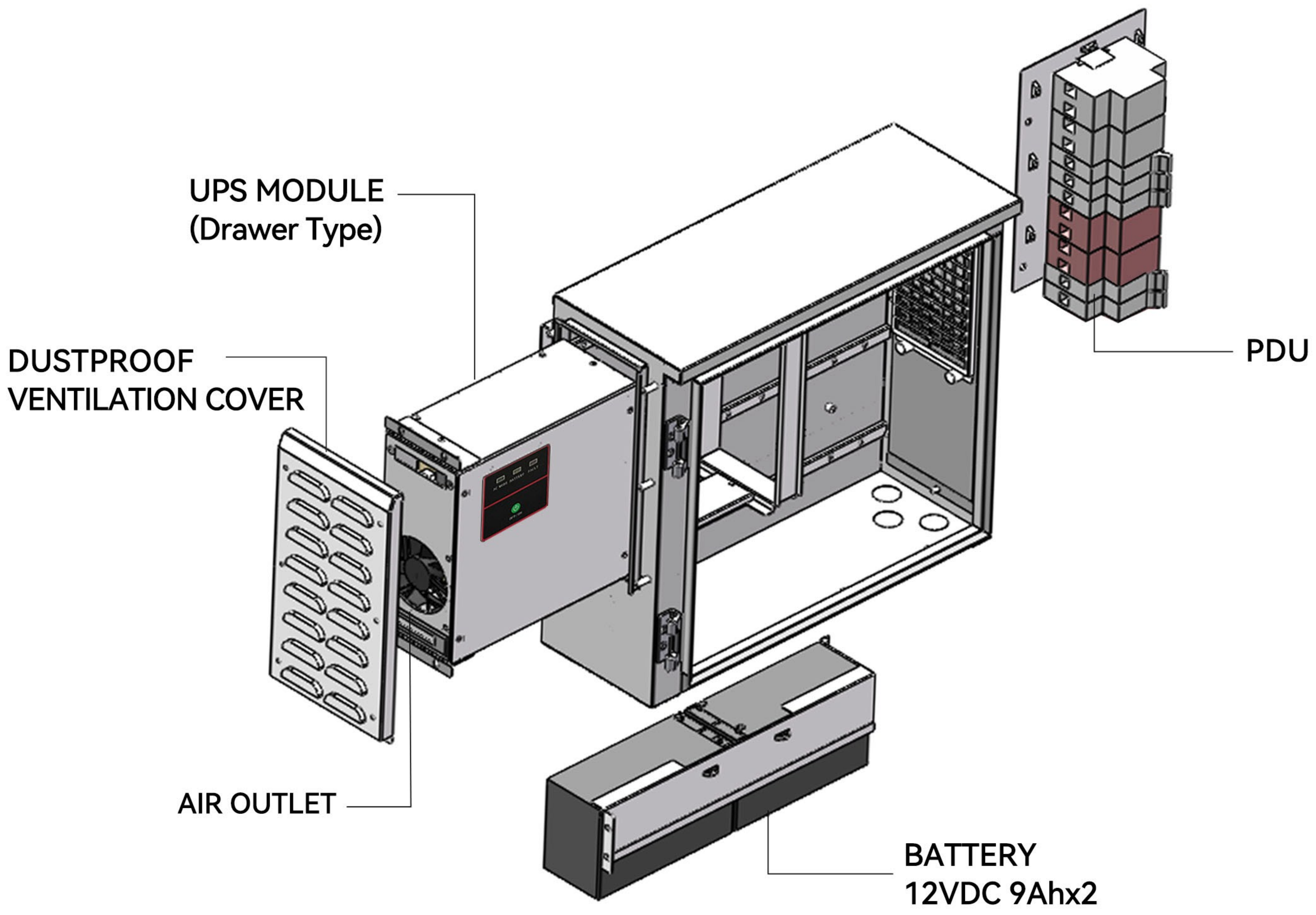
Traffic Lights



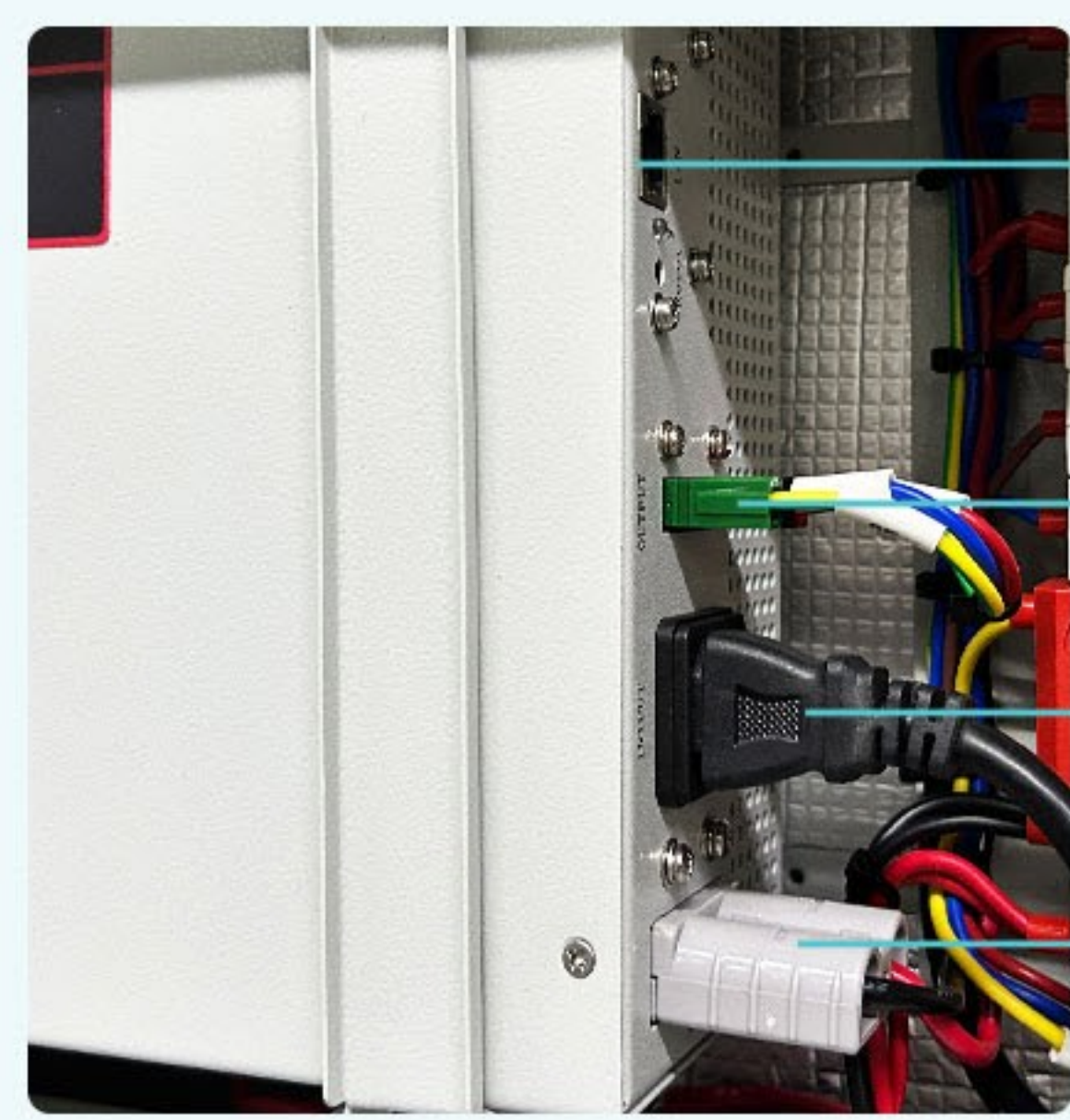
CCTV



Product Structure Diagram



- Outlet
- Outlet
- Maintain CB
- Input CB
- Input Lightning Protection Switch
- Battery Switch
- Input AC terminal block



- SNMP Card
- Output
- Input
- Battery

Notice

CAUTION! To reduce the risk of overheating the UPS, do not cover the UPS' cooling vents or installing the unit near heat emitting appliances such as heaters or furnaces.

CAUTION! Do not attach non-computer-related items, such as medical equipment, life-support equipment, microwave ovens, or vacuum cleaners to UPS.

CAUTION! Do not plug the UPS input into its own output.

CAUTION! In the event of any emergency, press the OFF button and disconnect the power cord from the AC power supply to properly disable the UPS.

CAUTION! Do not attach a power strip or surge suppressor to the UPS.

CAUTION! With the installation of this equipment, it should be prevented that the sum of the leakage current of the UPS to the connected consumer exceeds 3.5mA.

Attention hazardous through electric shock. Also with disconnection of this unit from the mains, hazardous voltage still may be accessible through supply from battery. The battery supply should be therefore disconnected and isolated first when maintenance or service work inside the UPS is necessary.

CAUTION! Servicing of batteries should be performed or supervised by personnel knowledgeable of batteries and the required precautions. Keep unauthorized personnel away from batteries.

CAUTION! When replacing the batteries, use the same number and same type of batteries.

CAUTION! Internal battery voltage is 12VDC. Sealed, Lead-acid, 6-cell battery.

CAUTION! Do not dispose of batteries in a fire. The battery may explode. Do not open or mutilate the battery or batteries. Released electrolyte is harmful to the skin and eyes.

CAUTION! Unplug the UPS prior to cleaning and do not use liquid or spray detergent.

CAUTION! A battery can present a risk of electric shock and high short circuit current. The following precaution should be observed before replacing batteries:

1. Remove watches, rings, or other metal objects.
2. Use tools with insulated handles.
3. Wear rubber gloves and boots.
4. Do not lay tools or metal parts on top of batteries.
5. Disconnect charging source prior to connecting or disconnecting batteries terminal.

Troubel Shooting

Use the table below to solve minor problems.

Problem	Probable Cause	Solution
No LED display on the front panel	Low battery	Charge the UPS at least 6 hours
	Battery fault	Replace the battery with the same type of battery
	The UPS is not turned on	Press the switch again to turn on the UPS
Alarm continuously sounds when the mains is normal	The UPS is overload	Remove some loads first. Before reconnecting equipment, please verify that the load matches the UPS capability specified in the specs
When power fails, backup time is shorten	The UPS is overload	Remove some critical load
	Battery voltage is too low	Charge the UPS at least 6 hours
	Battery defect. It might be due to high temperature operation environment, or improper operation to battery	Replace the battery with the same type of battery
The mains is normal but LED is flashing	Power cord is loose	Reconnect the power cord properly

Technical Specifications

CNW110-1K		
Capacity	600VA/360W	1000VA/600W
Input		
Voltage	220 VAC	
Voltage Range	140-300 VAC	
Frequency	50/60Hz	
Output		
Voltage Regulation	230 VAC (+-10%)	
Frequency	50/60Hz	
Transfer Time	Typical 2-6ms, 10ms max.	
Waveform	Simulated sine wave	
Battery		
Type & Number	12V/9AHx2	
Charging Time	6 hours recover to 90% capacity	
Physical		
Dimension (WxDxH mm)	380*359*163	
Net Weight (KGS)	16.5kg	
Material	Cold rolled steel plate with outdoor spray powder	
Installation	Pole-Mount	
Protection Level	IP55	
Display		
Display	LED display	LEM display
Communications		
Communication Interface	SNMP Card	
Work Environment		
Humidity	0-95% RH (non-condensing)	
Temperature	0-50°C	
Altitude	Less than 1500 M	

* All specifications subject to change without notice.

