

POLE/WALL-MOUNTED OUTDOOR UPS

CNW110/CNW110L 1K



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Model: CNW110/CNW110L

Capacity: 1KVA/0.8KW

Frequency: 40Hz-70Hz

Installation Method: Pole-Mounted / Wall-Mounted

Product Features

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

Application Field



Surveillance Cameras



Road Monitors



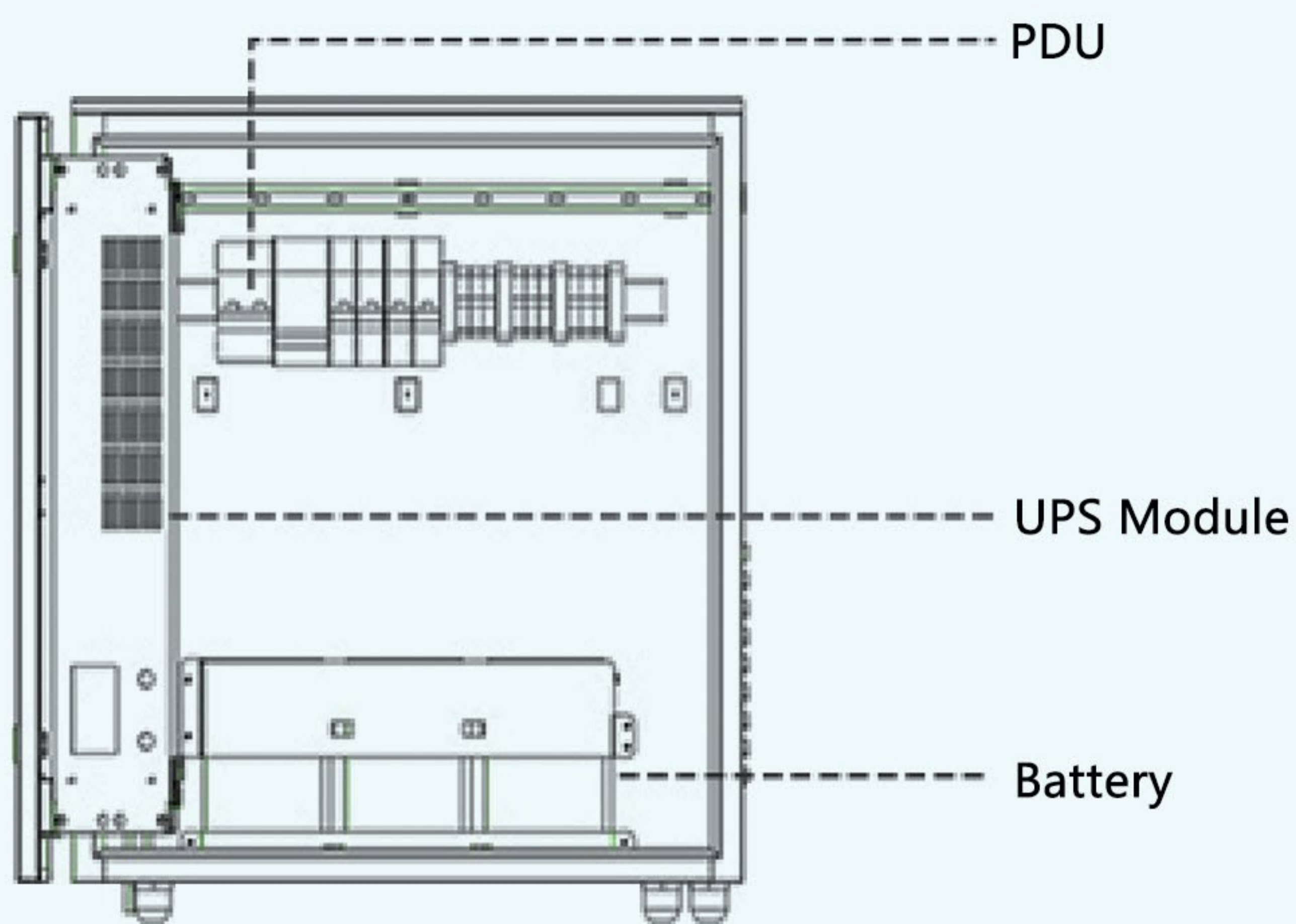
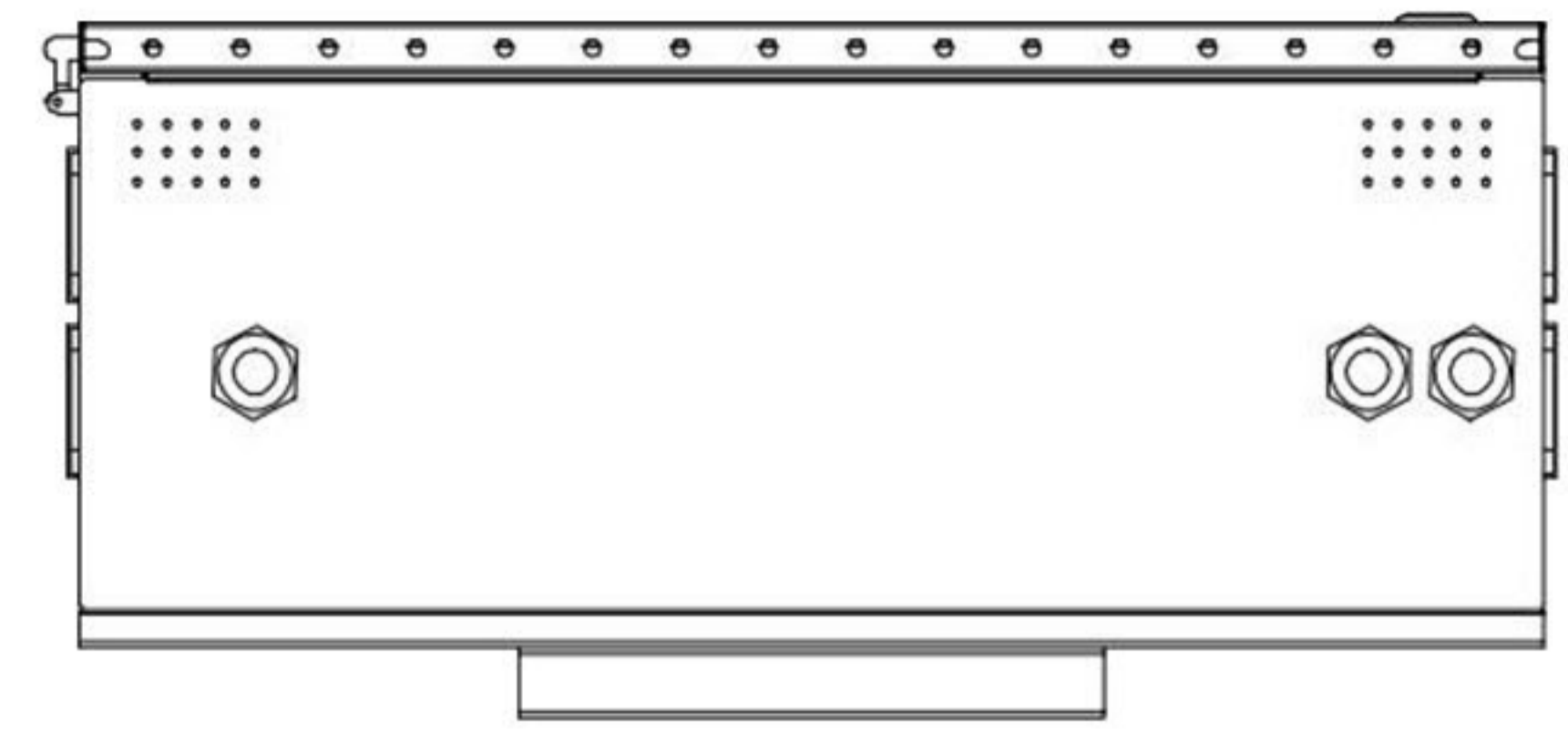
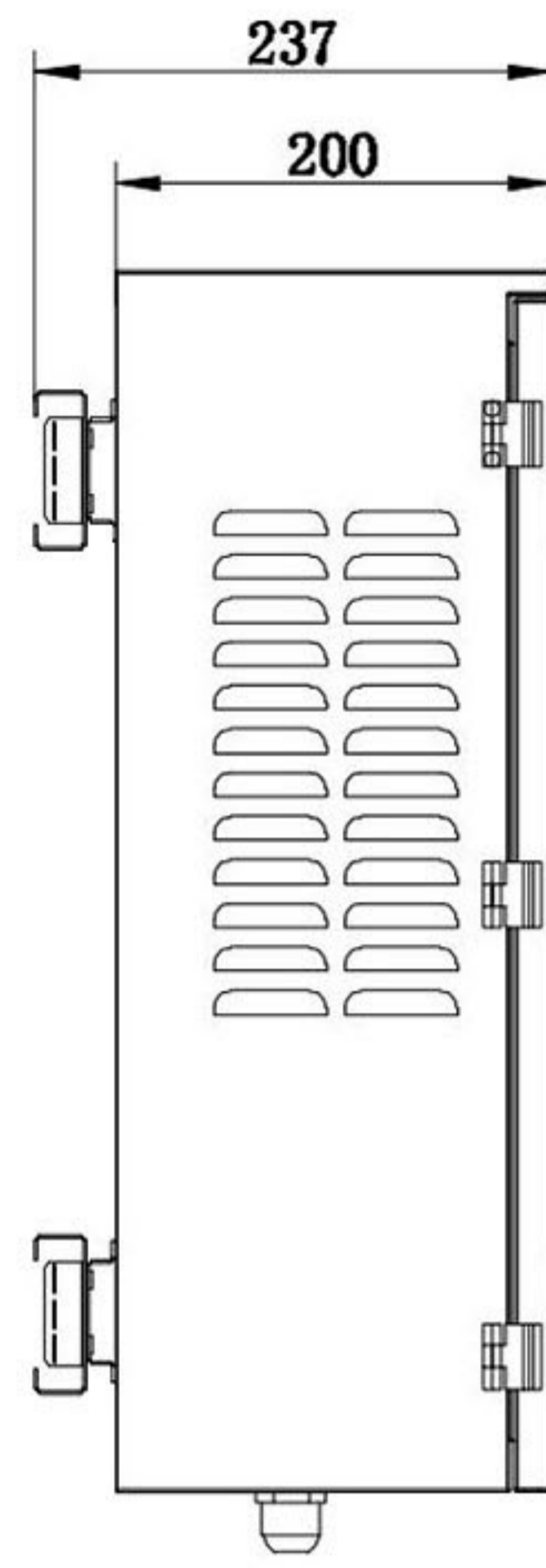
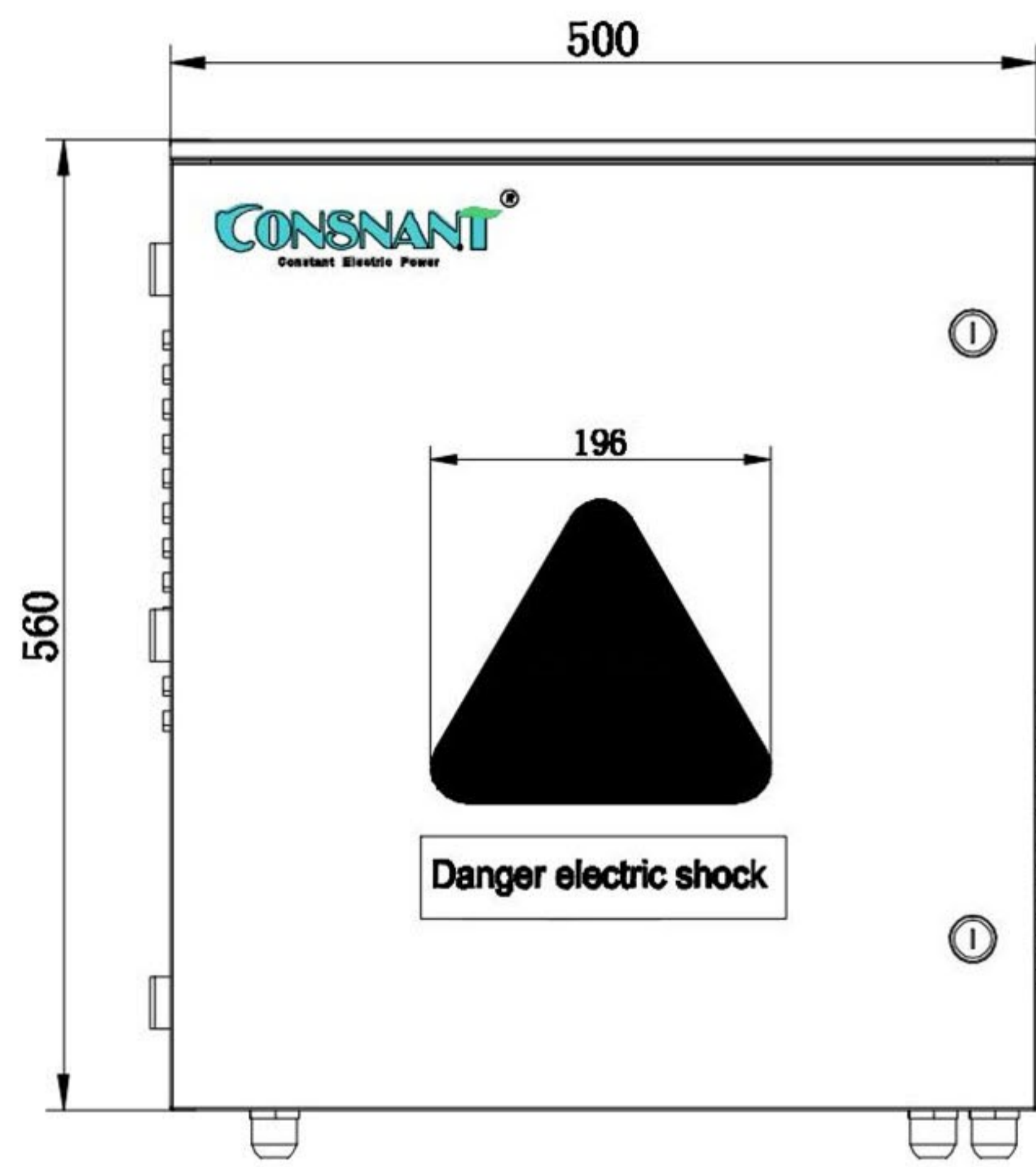
CCTV



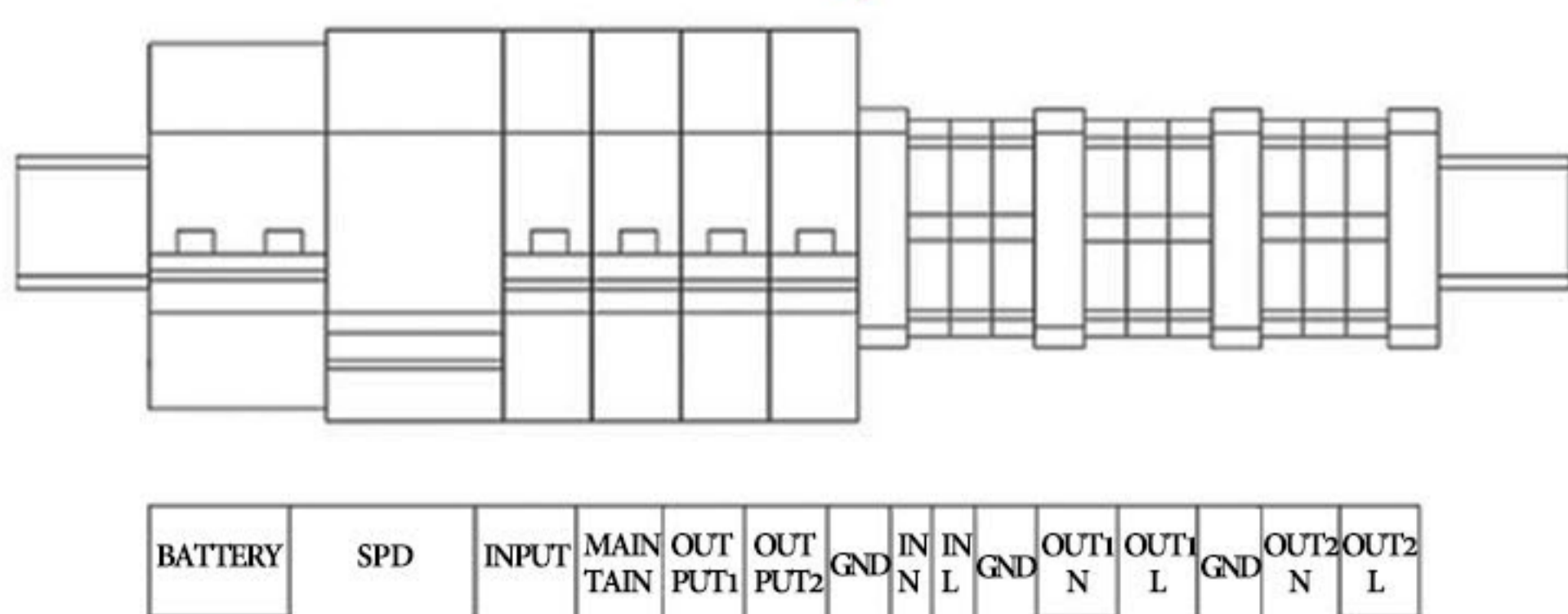
Security Alarm



Product Appearance Diagram



Product Structure Diagram



- The outdoor UPS system has good protection function: such as heat insulation, dustproof, damp proof, waterproof etc.
- Double conversion on line technology, which enables the UPS to provide a pure sine wave voltage, with constant frequency, constant voltage, low noise and no interruption, no matter the utility power fluctuation. It protects the user's equipment ideally all the time
- The system has one door; you can open the front door to operate the system. There are two layers inside the system, the first layer is used to hold batteries;The second floor installation lightning protection device, power distribution equipment etc. The UPS module is hanged on the door.

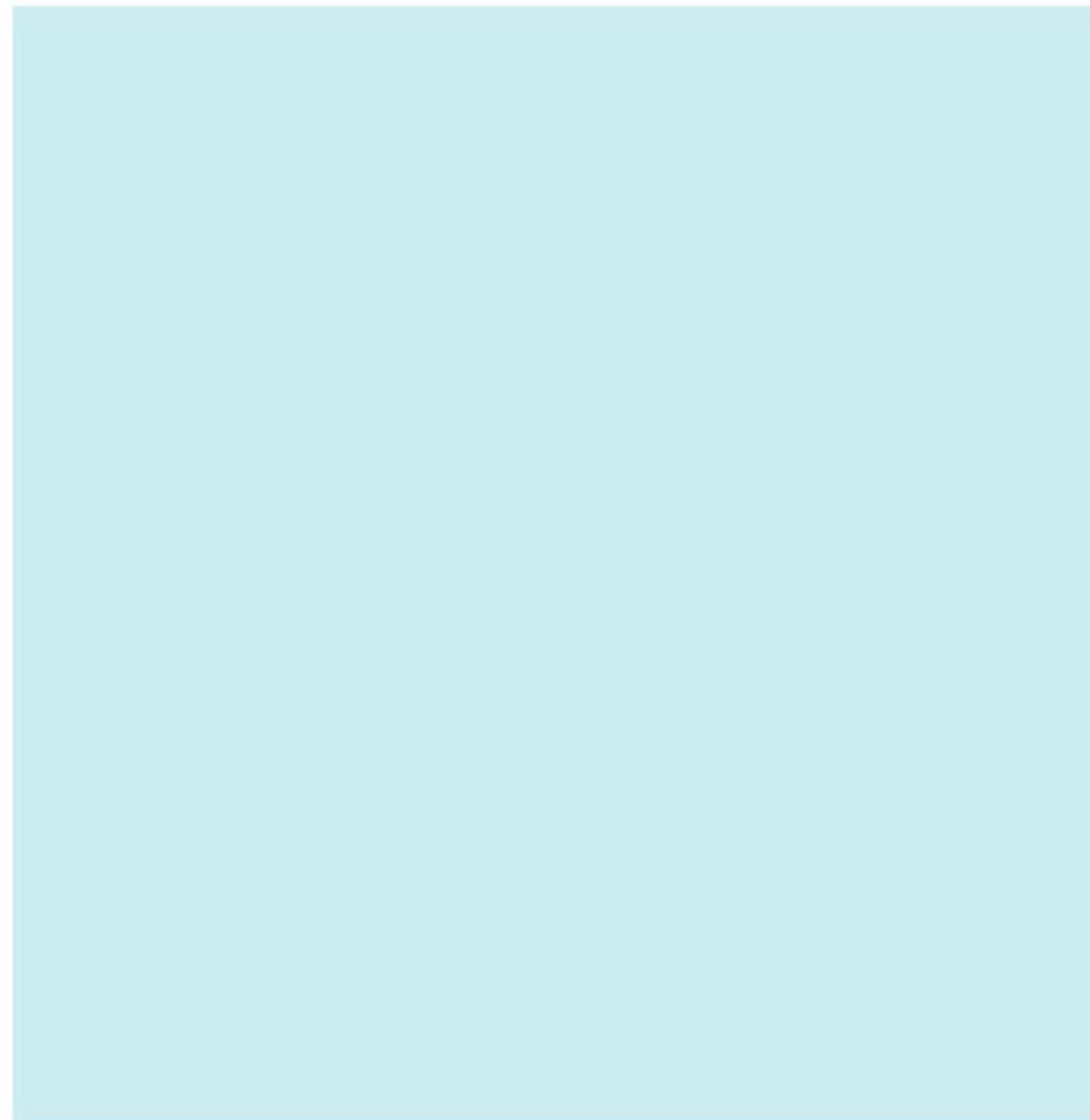


Technical Specifications

CNW110L-1K			
Model	CNW110L-1K		
Capacity	1kVA/0.8kW		
Input			
Nominal Voltage	220/230/240VAC, L+N+PE		
Voltage Range	100-300VAC		
Frequency	40-70Hz		
Power Factor	>0.99		
THDi	≤4% (linear load); ≤5% (non-linear load)		
Output			
Nominal Voltage	220/230/240VAC, L+N+PE		
Voltage Regulation	±1%		
Frequency	50/60Hz±0.1%		
Crest Ratio	3:1		
THDu	≤2% (linear load); ≤5% (non-linear load)		
Transfer Time	Line mode to battery mode, 0ms; inverter to bypass, 4ms (typical)		
Waveform	Pure sine wave		
Overload Time	<table style="width: 100%; border: none;"> <tr> <td style="width: 50%; vertical-align: top;"> Line Mode: 30min@102%-110% load 10min@110%-130% load 30s@130%-150% load 200ms@>150% load </td> <td style="width: 50%; vertical-align: top;"> Battery Mode: 1min@102%-110% load 10s@110%-130% load 3s@130%-150% load 200ms@>150% load </td> </tr> </table>	Line Mode: 30min@102%-110% load 10min@110%-130% load 30s@130%-150% load 200ms@>150% load	Battery Mode: 1min@102%-110% load 10s@110%-130% load 3s@130%-150% load 200ms@>150% load
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Efficiency			
Line Mode	94.5%		
Battery Mode	88.5% (36VDC)		
ECO Mode	98%		
Battery			
Type	Lithium-ion battery		
Voltage	36VDC		
Battery Number	12.8VDC 8Ah*3pcs		
Charging Current	4A		
Charging Mode	Two/Three-period charging		
Management			
Intelligent Port	RS23S/USB port/SNMP card (optional) / Dry contact kit (optional)		
Environment			
Operation Temperature	0-55°C		
Relative Humidity	0-95% (non-condensing)		
Noise	< 50dB@1 meter		
Altitude	Up to 1000m without derating		

* All specifications subject to change without notice.





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