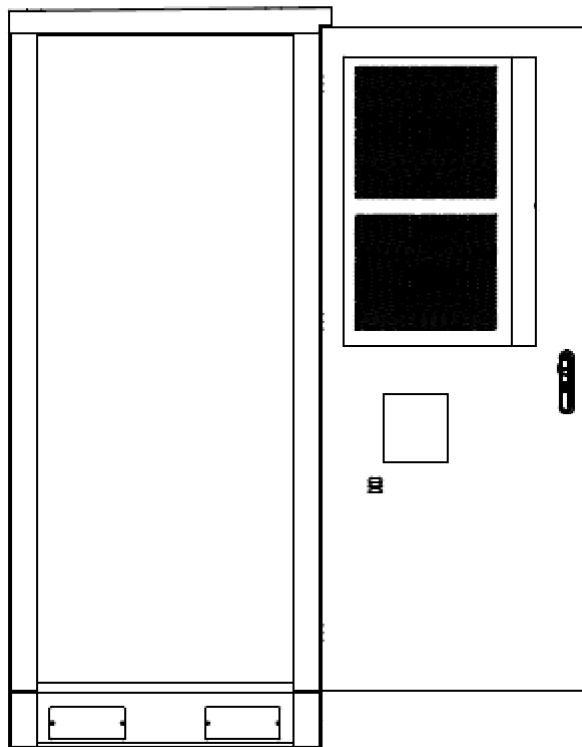


Technical Specification

Outdoor Power Cabinet

Model: **ODA-WSSAP5-F11**



Sunsea AIoT Technology Co.,Ltd.

1. Product Profile

Assembled outdoor power cabinet use module design, all sheet metal wall plate and parts can be disassembled by hand, high strength and good burglarproof, excellent material performance ensure good anti-rust and corrosion resistance. It can be configured to complete power system installation including battery and all support equipments: environmental monitoring system, cable inlet and fiber management module, it provides backup cooling device and terminal solution for variable base station and other scenarios.

2. Technical Specification

Item	Description
Dimension	2020X850X850 (HxWxDmm)
Strucutre feature	Whole-assembled structure Front door equipped with three point lock, no exposed fastener, good anti-theft performance
Body material & color	Frame: 2.0mm, powder-coated aluminum; 19 " rack: 1.5 mm, powder-coated galvanized steel; Cabinet enclosure: 3-layered structure (aluminum alloy 1.2mm +heat insulation PU material 25mm+ powder-coated EG electroplated steel 0.5mm) Plinth: 2.0mm, hot-dip galvanized RAL 7035
Protection grade	IP55
Mounting Method	Floor-Mounted
Cooling method	1500W DC Air conditioner,emergency DC ventilating fans for bakcup
AC input unit	1 socket 220V of minimum 10A for maintenance; 1 outdoor industrial socket 230V, 1 phase 3 pole with 63A; 2 MCB, 63A; SPD: AC220V 1 phase 2 wire
Warning board	14 channels
Equipment & Battery installation	19 inch rack mounting
Loading capacity of cabinet	600kg
Surface treatment	Electrostatic powder sprays treatment, excellent weather resistance.
Grounding bar (copper bar)	1nos for cabinet grounding connection, 1nos for equipment grounding connection
Anti-theft design	With three-point locking, no exposed removable firmware on the cabinet, good anti-theft performance.
Transportation	Assembled Module in package

3. Environmental Adaptability

3.1. Ambient Conditions

- Operation temperature: -20°C ~ +55 °C
- Relative humidity: 5%~100% (+30°C)
- Atmospheric pressure: 70 kPa ~ 106 kPa
- Total radiation intensity of sun $\leq 1120 \times (1 \pm 10\%) \text{ W/m}^2$

3.2. Storage temperature

- Storage temperature: -25°C ~ +55°C

4. Basic Structure

It contains: Whole-assembled structure, frame + wall board + plinth + sunshied (optional). Cabinet can contain Power system, lithium battery, air conditioner, which about support devices provide protection and power supply for user telecommunicaiton equipments, as shown in Figure 4-1

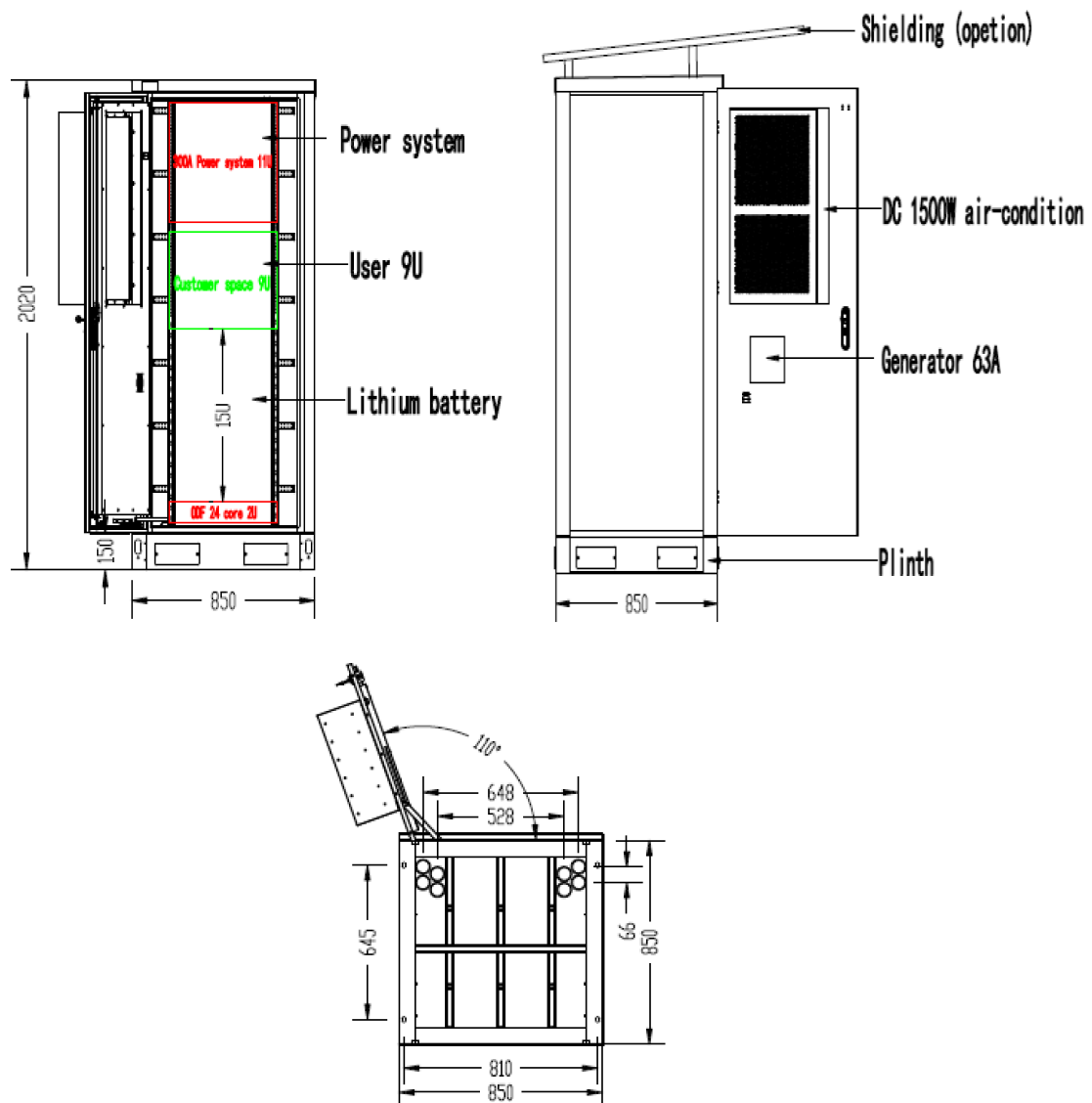
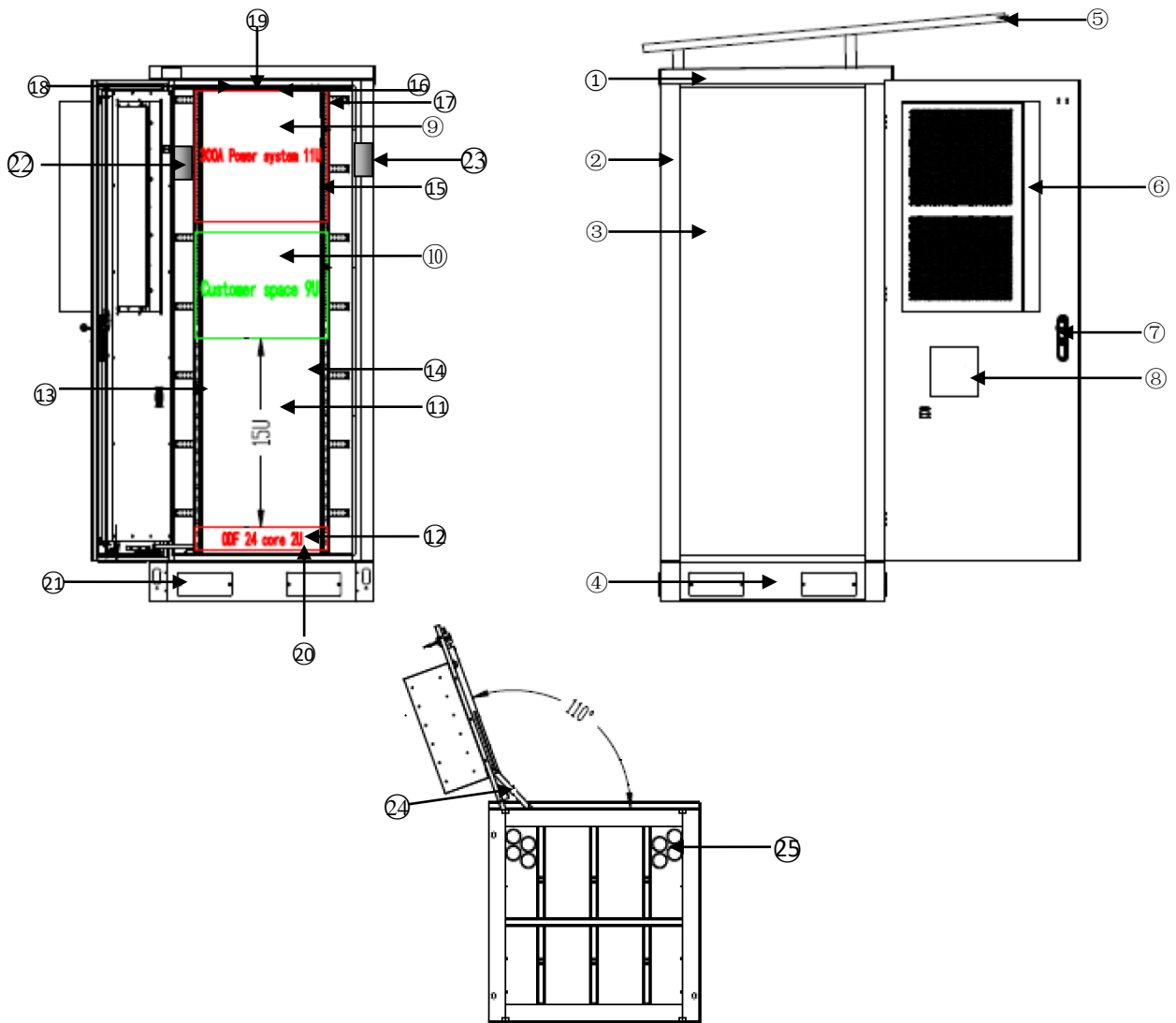


Figure 4-1 Cabinet Layout

5. Cabinet Composition

The internal part of the cabinet is a 19-inch standard installation rack for installation of battery units, and Integrate a variety of environmental sensors, air-conditioner cooling. It is suitable for outdoor diverse application scenarios. Whole-assembled structure wall panel with front door.

Table 1 Cabinet Interface List



1	Roof	14	Grounding bar 2
2	Frame	15	19 " rack
3	Wall board	16	LED light
4	Plinth	17	Door sensor
5	Sunshield (Optional)	18	Smoke sensor
6	DC 1500w Air conditioner	19	Temp sensor
7	Lock	20	Water sensor
8	Generator socket	21	Plinth cover
9	300A Power system	22	Warning board
10	User equipment	23	AC input unit
11	Battery	24	Door latch
12	ODF,24 core, SC/APC	25	Cable enters
13	Grounding bar 1		

STATEMENT

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We have passed the ISO9001, certification by TL Certification Center (TLC) and passed the ISO14001, certification by Beijing Xingguo Global Certification Co., Ltd.. and ISO/IEC17025:2005 laboratory certification.

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