



Product description

Product name: Smart charging cabinet

Product model: QJ-C4S-48

File version: V1.2

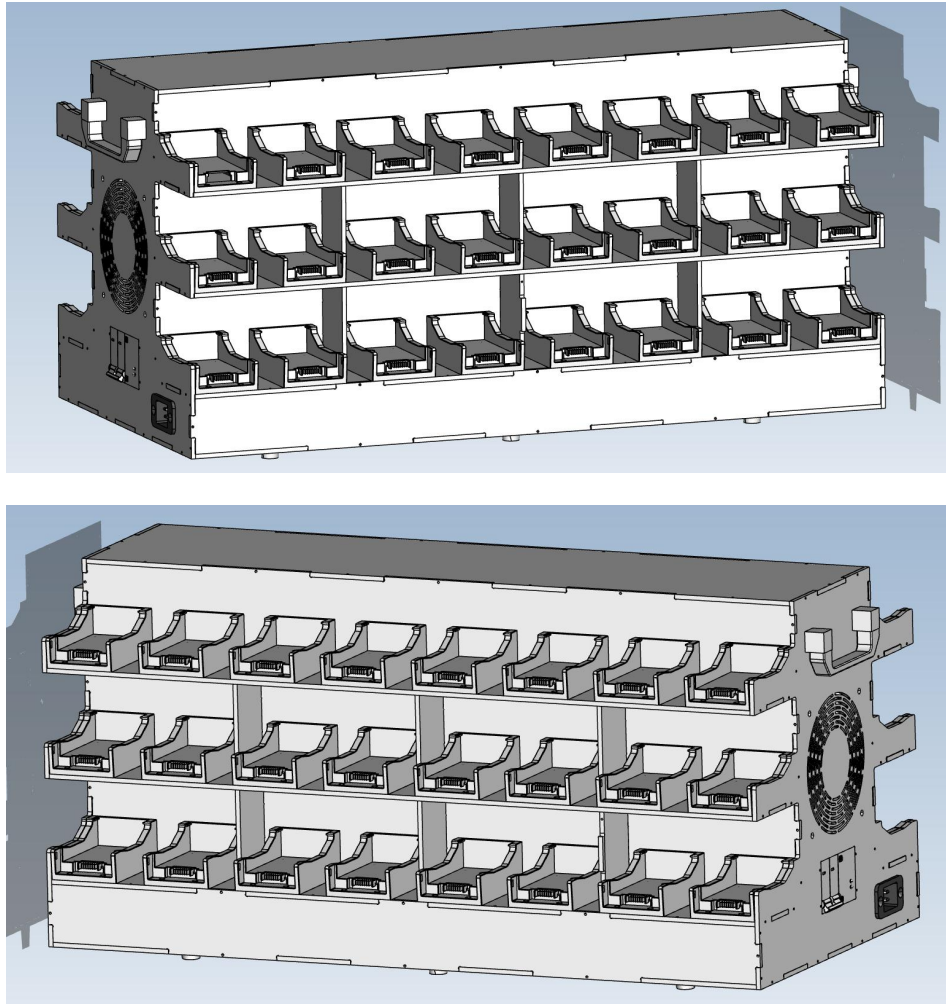
Zhengzhou Anaxin Electronic Technology Co., Ltd.

1. Main parameters

Serial number	Project	Parameter	Remarks
1	Input voltage	100V~240VAC	
2	Input voltage	50Hz~60Hz	
3	Maximum charging current	Standard charging: TYP.2.5A	
		Fast charging: TYP.3.5A	
4	Adaptable battery type	4S Smart battery	
5	The number of charging stations	48 pieces	
6	Information display method	APP interface display	
7	The weight of the charging cabinet	<16Kg	
8	The size of the charging cabinet	Length*width*height: 695*340*335mm	

2. Diagram of the structure of the charging cabinet

The charging cabinet is designed with 48 charging stations, with 3 floors on each side and 8 stations on each floor. The structure is shown in the figure below::



3. Instructions for using the charging cabinet

Serial number	Project	Technical description	Remarks																				
1	Charging instructions	1. The charging indication is completed by the 4 LED lights of the smart battery itself.。 (1) During the normal charging process, the battery LED indicator light indicates the charging status and power in the form of a running horse light, which is displayed as follows:: <table><tr><th>LED1</th><th>LED2</th><th>LED3</th><th>LED4</th><th>Current power</th></tr><tr><td></td><td></td><td></td><td></td><td>0% ~ 50%</td></tr><tr><td></td><td></td><td></td><td></td><td>50% ~ 75%</td></tr><tr><td></td><td></td><td></td><td></td><td>76% ~ 100%</td></tr></table> (2) The charging is completed, and the 4 LEDs of the battery are always on. (3) When the battery leaves the charging slot, it turns off automatically and the LED light goes out.	LED1	LED2	LED3	LED4	Current power					0% ~ 50%					50% ~ 75%					76% ~ 100%	
LED1	LED2	LED3	LED4	Current power																			
				0% ~ 50%																			
				50% ~ 75%																			
				76% ~ 100%																			
2	Charging function	1. When the charging cabinet is energed, the default is the "standard charging" gear;The charging cabinet is out of power, and the gear selection in the process will not be saved. 2. External AC input limits the charging power: ① The input AC voltage is too low (<90V), stop charging. ② Input AC 176~240V, and the charging gear can be selected arbitrarily; ③ Input AC 100~175V, only "standard charging"																					

		can be selected ④ The input AC voltage is reduced (from 220V to 110V), the power charging is limited, and it is automatically reduced to the "standard charging" gear.	
3	Intelligent temperature control system	1. The charging cabinet is designed with an intelligent temperature control system with a cooling fan to achieve automatic heat dissipation according to temperature changes. 2. After the AC power supply is powered, the fan rotates at full speed and turns off after starting 5S.	

4. Charging cabinet APP description

1. Battery information: The charging cabinet APP interface can intuitively display the charging status information of 48 workstations, including idle, charging, charging completed, abnormal status and **battery details**, etc.

- (1) **Free:** The corresponding workstation of the APP interface is gray-green, indicating the idle state;
- (2) **Charging:** The corresponding workstation of the APP interface is orange, indicating that charging is in progress;
- (3) **Charging completed:** The corresponding workstation of the APP interface is green, indicating that the charging is over and meeting the full parameters.

(4) **Unusual:** The corresponding workstation of the interface is red, indicating that there is an abnormality or does not meet the parameters of the detection mode.

(5) **Battery information:** Click the corresponding workst box on the interface to view the battery, and the detailed information of the battery will be displayed.

2. Charging cabinet information: The interface displays AC input information, including input voltage, real-time power and charging cabinet ID, etc.

3. Function options:

- (1) Working mode selection - "charging mode" and "detection mode"
- (2) Charging mode selection - "standard charging" and "fast charging".

5. Instructions for use

- 1. The charging cabinet is energed.:** Use the matching AC power cable to input the charger into the AC socket and connect it to the AC power supply, and turn on the air switch. After the charger self-checks for 3S, the internal buzzer will "drop" prompt, and the cooling fan will stop after turning for 5 seconds. At this time, the charger will enter the standby state.
- 2. Battery charging:** After the charging cabinet is energed, the default is the "standard charging" mode. Put the battery into the charging slot and you can start charging. The battery LED light indicates the charging status. If the battery is turned off, it will automatically turn on and charge.

3. **Charging completed:** When the battery is full, the charger will automatically stop charging, and the 4 LEDs of the battery are always on.
4. **Charging mode selection:** Under the condition of ensuring that the input power of the charging cabinet is sufficient, you can select the "fast charging" mode on the APP interface to quickly charge the battery and improve the charging efficiency.
5. **Battery detection mode:** When you need to test the battery, you can select "Detection Mode" on the APP interface to switch the working mode of the charging cabinet. In this mode, the charging cabinet no longer charges the battery.
6. **Inspection report:** If there is abnormal information, click "Test Report" to prompt all abnormal details.

FCC Statement

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.



—Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

—Consult the dealer or an experienced radio/TV technician for help.

Note: The Grantee is not responsible for any changes or modifications not expressly approved by the party responsible for compliance. such modifications could void the user's authority to operate the equipment.

The device has been evaluated to meet general RF exposure requirement.

To maintain compliance with FCC's RF exposure guidelines, the distance must be at least 20 cm between the radiator and your body, and fully supported by the operating and installation configurations of the transmitter and its antenna(s).