

## 超级电容器干法电极技术规格书

TY-235D-250-A117

版本	内容	日期	编制/修改
00	初稿	2023-10-07	黄智钧

## 产品参数 Product Specifications:

主要原料 Main Materials: 活性炭 Activated Carbon

铝箔 Aluminum Foil



The diagram shows a rectangular roll of electrode material. The total width of the roll is labeled as 'W' on the left side. The width of the coated electrode piece is labeled as 'W1' on the right side. The roll is shown with a black central area representing the electrode and a thin green border representing the coating.

Item	Standard
1、 Appearance of Electrode	Without abnormal cut ,scars, bumps, and winding neatly
2、 Thickness of electrode piece	$235\pm 10\ \mu\text{m}$
3、 Compacted density of electrode piece	$\geq 0.66\text{g}/\text{cm}^3$
4、 Moisture content of electrode pieces	$\leq 4\%$
5、 Total Width of Electrode pieces (W)	$250\pm 1\text{mm}$
6、 Coated Border Width and Tolerance width and tolerance of electrode piece (W1)	$224\pm 2.0\text{mm}$
7、 Uncoated Border Width and Tolerance (W2)	$20\pm 2\mu\text{m}$
8、 Length of Single Electrode Roll (L)	$\leq 400\text{mm}$
9、 Inner diameter of the take-up reel	$75.5\pm 1\text{mm}$
10、 Flatness of the end face of the electrode sheet.	$\pm 1\text{mm}$
11、 Length of the adhesive	$\leq 60\text{mm}$

tape on the joint	
12、Areal capacity of the electrode plate	17000F/m <sup>2</sup>
The product complies with ROHS and other environmental protection requirements	

### **Identification and Labels**

Each batch of electrode piece is accompanied by a quality certificate, which includes the following information: product name, manufacturing company, trademark, specifications, total quantity, manufacturing date, production batch number, and a statement confirming that the product quality meets the specified standards.

### **Packaging and Transportation of Electrode Sheets**

Packaging Material: Carton.

Packaging Method: Vacuum-sealed packaging.

Protect from moisture, waterproof, and store away from light.

Transportation requirements: Avoid collision, squeezing; protect from moisture, sunlight, and damage.

### **Storage Environment (under sealed packaging conditions for electrode**

**sheets)**

Temperature: -40°C to +30°C

**Relative humidity: 50% RH Max.**

Shelf Life: 12 months.