

超级电容器干法电极技术规格书


TY-255D-250-A067

版本	内容	日期	编制/修改
00	初稿	2023-9-25	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 electrode sheet with a black interior and a green border. Dimension 'W' is indicated on the left side, representing the total width of the sheet. Dimension 'W1' is indicated on the right side, representing the width of the coated border.

Item	Standard
1、 Appearance of Electrode	Without abnormal cut ,scars, bumps, and winding neatly
2、 Thickness of electrode piece	255±10 μm
3、 Compacted density of electrode piece	≥0.64g/cm ³
4、 Moisture content of electrode pieces	≤3%
5、 Total Width of Electrode pieces (W)	250±1mm
6、 Coated Border Width and Tolerance width and tolerance of electrode piece (W1)	220±2.0mm
7、 Uncoated Border Width and Tolerance (W2)	20±2um
8、 Length of Single Electrode Roll (L)	≤400mm
9、 Inner diameter of the take-up reel	75.5±1mm
10、 Flatness of the end face of the electrode sheet.	±1mm

11、 Length of the adhesive tape on the joint	$\leq 60\text{mm}$
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.