

## Product Details

## Feedback (35)

## Shipping &amp; Payment

## Seller Guarantees

## Item specifics

Brand Name: OOTDTY

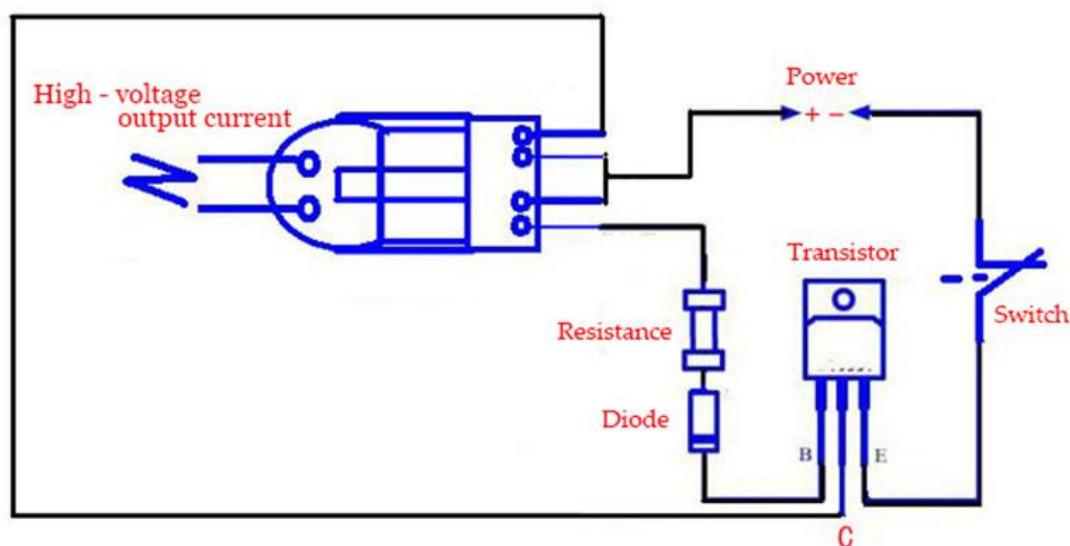
Display Size: 3.0 - 4.9 Inches

DIY Supplies: Electrical

Model Number: 1E0979

## Product Description

- **100% brand new and high quality**
- **Color: White**
- Features:
- This product is a booster coil production suite, the circuit is simple and reliable, with a professional line drawings, electronic research convenience enthusiasts
- Uses: high school science experiment, electronic equipment, negative ion generator, scientific small production. This circuit is generated when the stable high frequency arc, high temperature, can easily ignite combustible materials, so it was called the plasma lighters
- Parameter
- 15KV transformer outside dimensions of approximately: 27×16×21mm
- Input voltage: DC 3.7V-4.2V (limit 12v, easy to damage not recommended, this transformer is equally applicable to 12V input voltage, but requires a corresponding increase in the base of the feedback resistor to about  $150\Omega \sim 1.5K\Omega$ , its resistance should be large to replace a small adjustment, or burned transistor or transformer)
- Input Current: <1.5A
- Output voltage: approximately 15KV (please pay attention to safety when used)
- Output Current:  $\leq 0.4A$
- High voltage bipolar ignition distance:  $\leq 0.5\text{ cm}$
- When the product input termination 3.7V-4.2V power supply, the secondary high voltage output is not connected to high-voltage rectifier diodes and capacitors, output terminals levels  $\leq 1.5\text{ cm}$  long can produce purple high temperature arc, no crackling, but the temperature is very high, you can easily and instantly point cigarette paper, or even very thin wire burned Sparks (such as junior high school chemistry experiment thin wire in oxygen combustion scene, but not as good as oxygen so intense.)
- Transformer structure
- There are two primary windings, a primary winding, a feedback winding, the secondary output of high pressure. Other: 15KV transformer designed for maximum output, limit output can not exceed 15KV, is one centimeter arc, a higher output voltage is likely to damage the transformer.

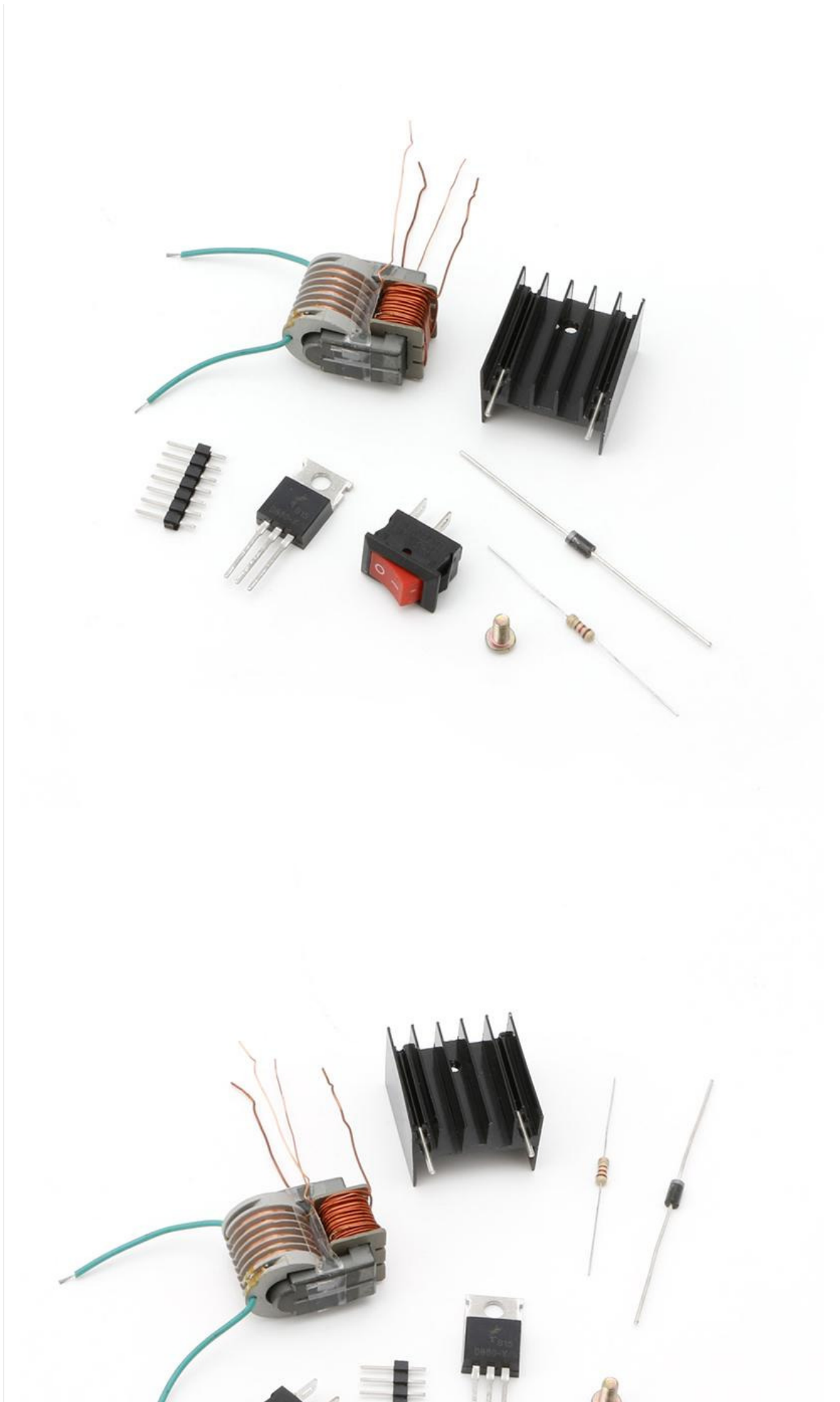


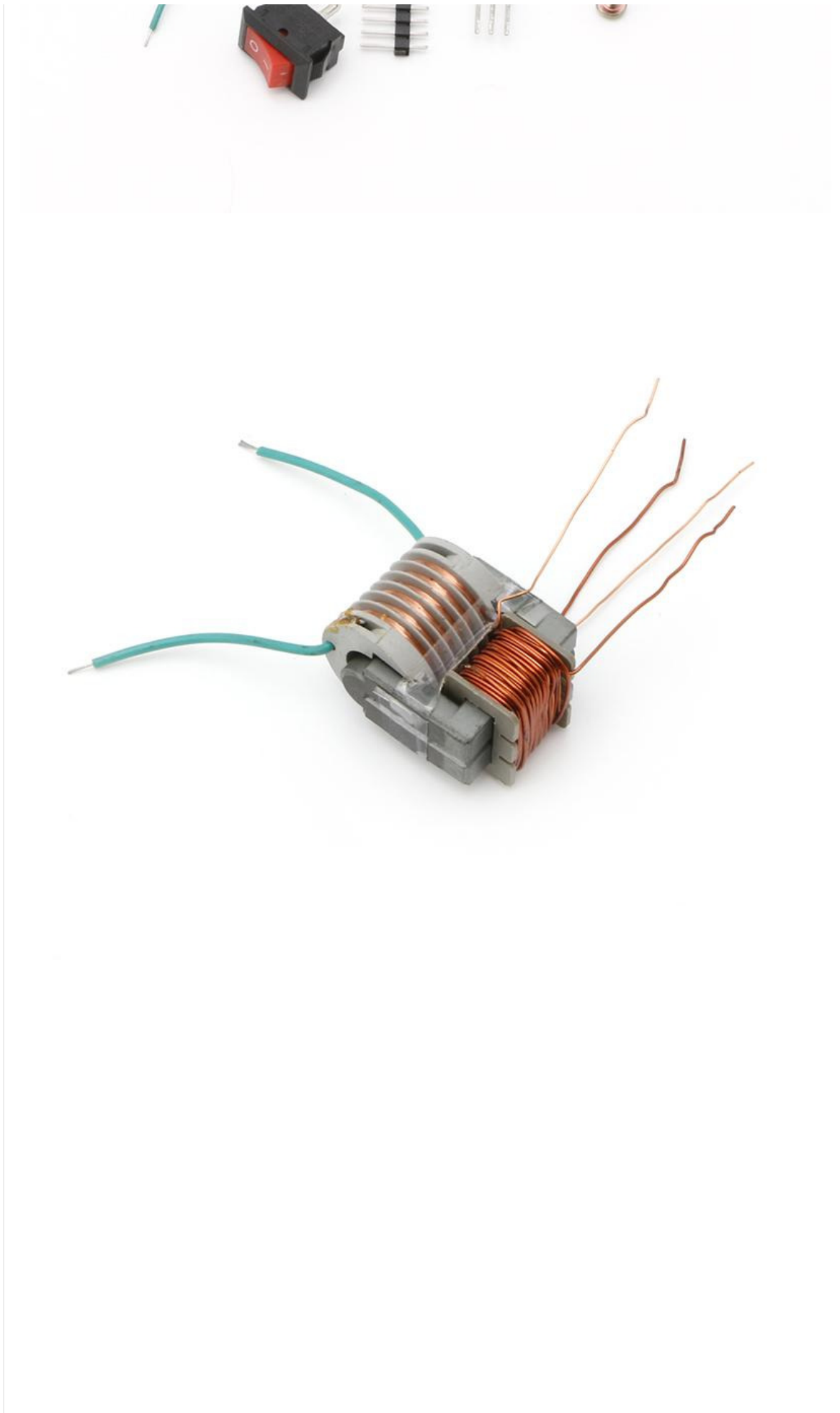
- Quantity: 1 set
- **Note:**
- **Please allow 1-2mm errors due to manual measurement**

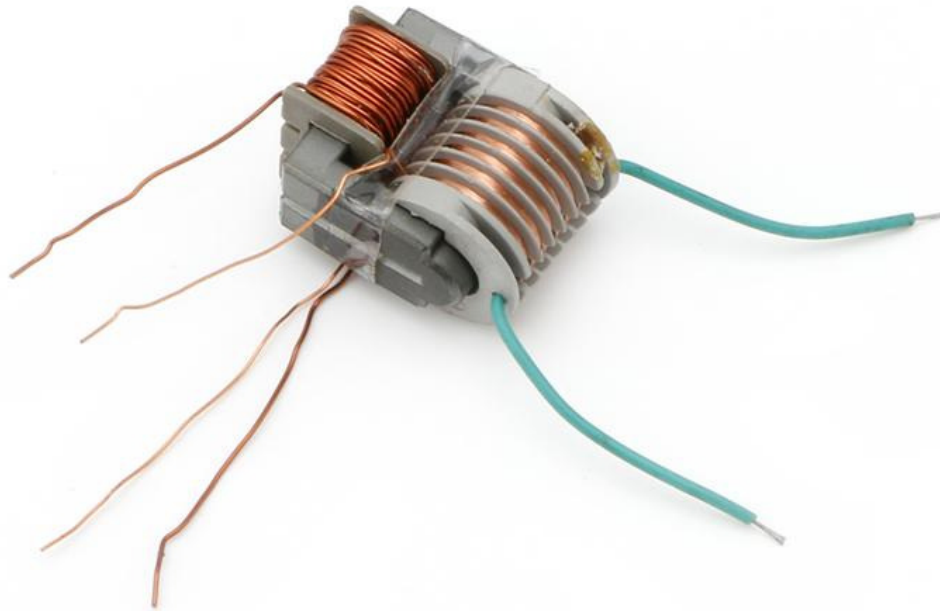
- **Due to the difference between different monitors, the picture may not reflect the actual color of the item. Thank you!**

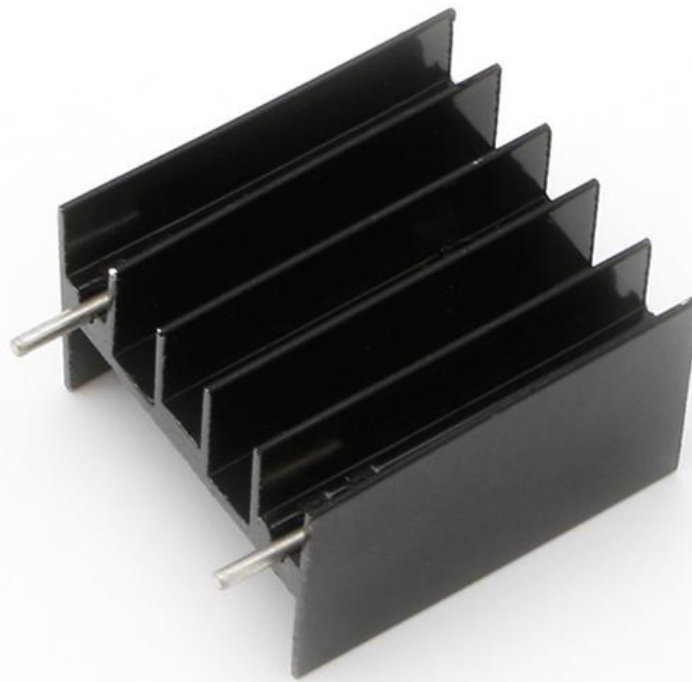
**Package includes:**

- **1 x 15VKE = 1 type step-up transformer one**
- **1 x 120 ohms resistance**
- **1 x UF4007 ultra-fast recovery diode**
- **1 x D880 transistor**
- **1 x heat sink**
- **1 x M3 \* 6 screws**
- **1 x Boat switch**
- **1 x 3 pin**











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