



# HY-CTWSU Series Capacitor Test White Noise Power Source



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## 1.1、Product Characteristics

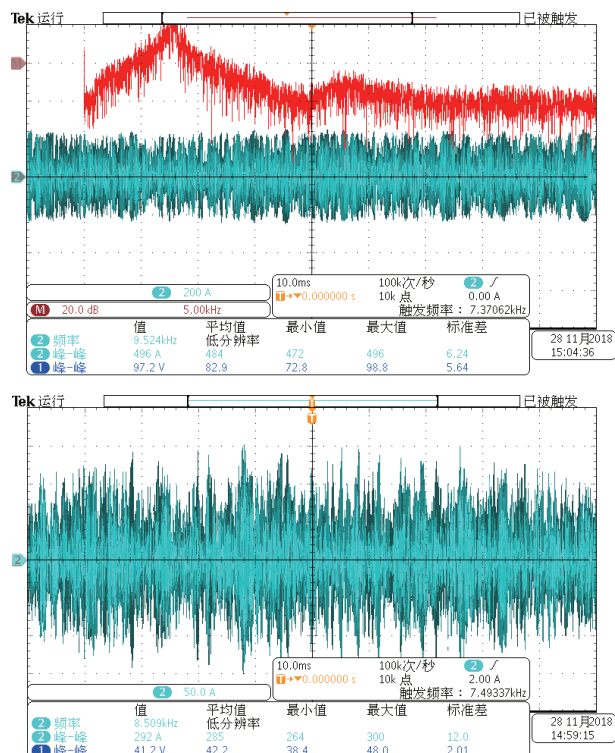
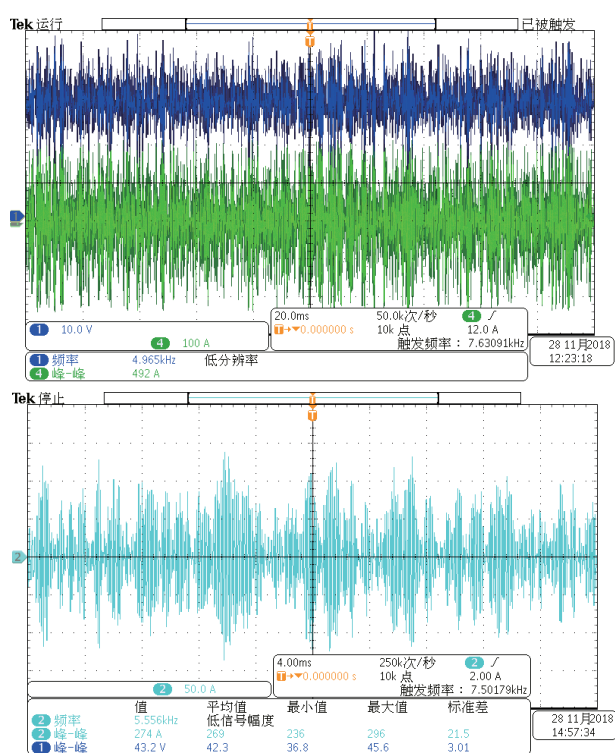
- Output bandwidth 20 Hz-20 kHz
- Output power 7500 VA
- Output voltage 30 Vrms
- Output current 250 A<sub>p</sub>
- DC bias 0-500 V

Customize

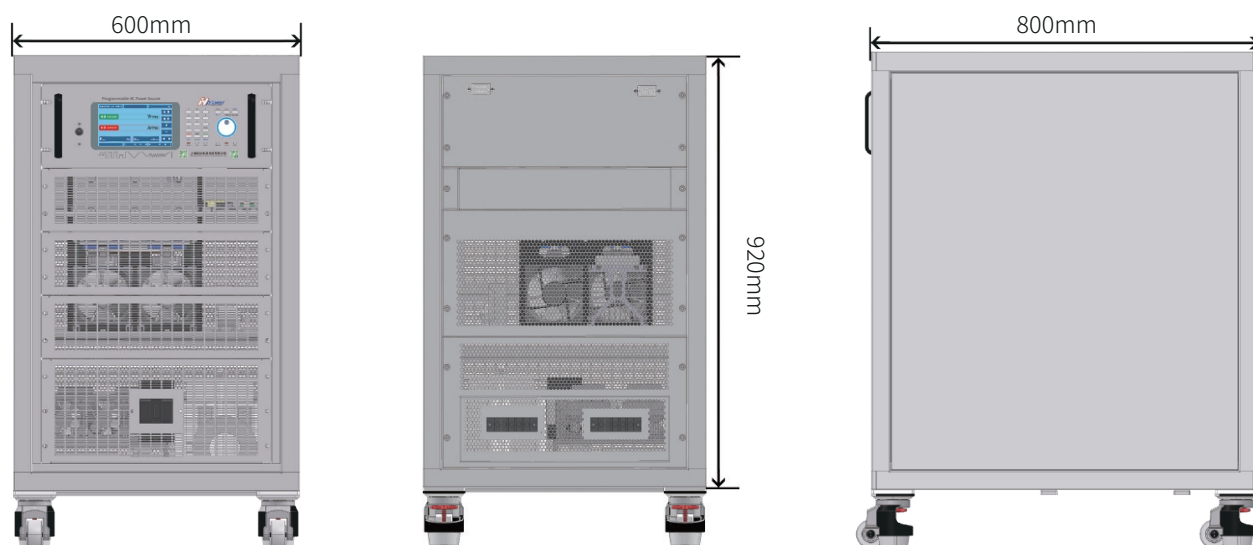
High  
frequency

High  
tension

## 1.2、Noise Waveform



18U 600(W)\*800(D)\*920(H)mm



24U 600(W)\*800(D)\*1190(H)mm  
30U 600(W)\*800(D)\*1453(H)mm  
36U 600(W)\*800(D)\*1718(H)mm



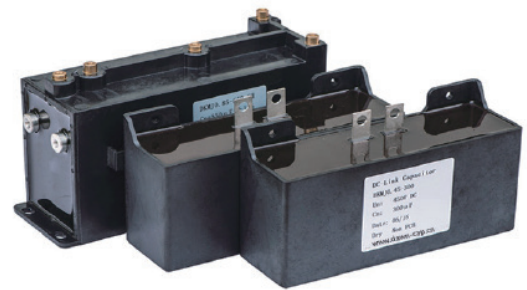
## Capacitor Test Solutions

Capacitors are passive electronic components used to store electricity and energy, widely used in transportation, power, electronic equipment, military and industrial fields, together with resistance and inductance, they are called three passive components. All factory capacitors should meet the national GB/T 2693, GB/T 6346.14 and GB/T 17702 standards, Hangyu power capacitor test solution, dedicated to capacitor temperature rise test, film capacitor ripple endurance characteristics test, capacitor voltage resistance, aging and other test needs. By simulating the objective operating environment of the capacitor, the test of overvoltage, overcurrent and oscillation can be carried out effectively to check the quality of the capacitor.

At present, the world's leading film capacitor manufacturers Xiamen Fara Electronics, Panasonic Capacitor, Epcos, Tyco, Weidmiller, Honeywell have selected Hangyu capacitor test solutions!

### Capacitor

- Film capacitor
- Mica capacitor
- Round plate ceramic capacitor
- Aluminum electrolytic capacitor
- SMD type electrolytic capacitor
- Multilayer Ceramic Capacitors



### Capacitor Components, Applications

- Capacitor element
- Multiple coupling capacitor
- Medium and high voltage withstand capacitors
- High temperature resistant capacitor
- Ultra-high voltage capacitor
- High voltage through capacitor



### Test Item

- Temperature rise
- Aging
- Withstand voltage
- Overvoltage
- Overcurrent
- Vibrate





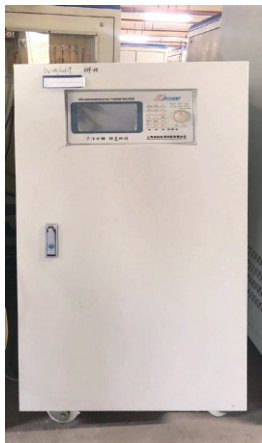
## Big Customer Case: Huawei, Xiamen Ferrari Electronics



Huawei: HY-CTSSU series  
AC 0 ~ 50.0V adjustable, resolution 0.01V  
DC 0 ~ 2000.0V adjustable, resolution 0.1V  
Application: Film capacitor characteristic test



Farad: HY-CHCTSU-300-20KVA-D10kV  
High Current & High Voltage Test system for  
Thin film capacitors (purchased in 2021)  
1000A ripple high current test system  
Output bandwidth: 100Hz-2kHz adjustable  
Output power: 20KVA  
Output voltage: 200Vrms Max  
Output current: Maximum 1000Arms  
DC offset: DC0V-10KV adjustable



Xiamen Fara has chosen Hangyu power capacitor test solution for many years



Official wechat:hypower-cn



## Contact us

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\*Hangyu Power System, 2024

Hangyu Power Supply Product Catalog, Version 02.02, June 2025

All technical data and instructions are based on the actual product

If there is any change, Hangyu Power has the final interpretation right

Authorized distributor: