

# DC Ripple Superimposition Generator

## RDC-4060 【Introduction】

This is applicable for the common-mode conducted disturbance immunity test of communication ports or other ports connected to balanced lines within the frequency range of 0 to 150 kHz, in accordance with the requirements for coupling networks specified in standards IEC 61000-4-16 and GB/T 17626.16.

### Compliance Standards

IEC 61000-4-17、GB/T 17626.17

### Application Fields

It is applied to the low-voltage DC power ports of electrical and electronic equipment powered by external rectification systems or batteries that are currently being charged.

### Technical Features

- ◆ Meets the GB/T 17626.17 standard requirements for ripple superposition at 2%, 5%, 10%, and 15% relative to the nominal DC voltage value.
- ◆ Allows free setting of different voltage output levels based on actual user needs.
- ◆ Provides ripple output at frequencies of the power frequency or its multiples of 2, 3, and 6, with a freely settable frequency of 400 Hz.
- ◆ Can be controlled via host computer software to set ripple level steps and automatically conduct continuous ripple superposition tests from level 1 to level 4.

### Parameter List

Specification Model	RDC-4060
Output Voltage Range	0 ~ 400 V adjustable
Tolerance	±10%

Output Voltage Waveform	0 ~ 400 V adjustable
Output Steady-State Current	±10%
Output Steady-State Current	Sine-linear AC component superimposed on DC voltage at power frequency or its multiples