



HV Artificial Network

TANHV Series

- ISO 7637-4
- CISPR 25

Features

- > Complies with CISPR 25 requirements
- > Frequency range 0.1 MHz ~150 MHz
- > Max. test voltage 1,000 V DC, 700 V 50 / 60 Hz, 300 V 400 Hz
- > N-type test terminal

Introduction

The TANHV Series are designed to comply with CISPR 25, ISO 7637-4 standards. The TANHV Series are applied to immunity testing of high-voltage systems in new energy vehicles.

Their impedance characteristics fully comply with the requirements for high-voltage artificial networks specified in CISPR 25 and ISO 7637-4. Connect EUT to panel OUTPUT and power supply to panel INPUT. The EMI measurement port is equipped with a standard N-type connector.

Application Areas



Technical Parameters

TANHV 050	
Max. Test Voltage	300 V 400 Hz
	700 V 50/60 Hz
	1,000 V DC
Max. Text Current	50 A
Max. Transient Current	80 A
Dimension	220 (W) *160 (H) *170 (D)mm
Weight	Approx. 2.2 kg
TANHV 200	
Max. Test Voltage	300 V 400 Hz
	700 V 50/60 Hz
	1,000 V DC
Max. Text Current	200 A
Max. Transient Current	280 A
Dimension	490 (W) *200 (H) *215 (D)mm
Weight	Approx. 8.5 kg
TANHV 400	
Max. Test Voltage	300 V 400 Hz
	700 V 50/60 Hz
	1,000 V DC
Max. Text Current	250 A
Max. Transient Current	500 A
Dimension	490 (W) *200 (H) *215 (D)mm
Weight	Approx. 8.5 kg

General Parameters

Impedance Frequency	0.1 MHz ~ 150 MHz
Impedance	5 μ H 50 Ω
Coupling Capacitor	0.1 μ F
Ambient Temperature	15°C ~ 35°C
Relative Humidity	45% ~ 75%
Atmospheric Pressure	86 kPa ~ 106 kPa

Standard Accessories

User Manual(1 pc), Main Unit

Optional Accessories

Calibration Fixture TAN 400C-ZCF

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