



Surge Simulator

VDG 298

- GJB 298
- MIL-STD-1275D

Features

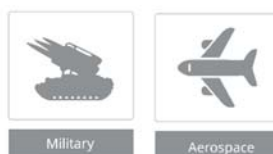
- > 5.7-inch color touch screen
- > Built-in DC power supply function
- > Selectable low output impedance 20 mΩ or 500 mΩ
- > Max. output current 30 A

Introduction

VDG 298 is a surge simulator designed for 28 V DC-powered military vehicle tests, complying with GJB 298 and MIL-STD-1275D standards.

It is integrated with a built-in DC power supply, featuring high output voltage accuracy, fast transient response, low output impedance and excellent operational stability.

Application Areas



Technical Parameters

DC Voltage	0 V ~ 35 V, $\pm 5\%$ (Step: 0.1 V)
DC Current	30 A
Surge Voltage	40 V ~ 100 V, tolerance $\pm 5\%$ (Step: 0.1 V)
Surge Duration	1 ms ~ 1,000 ms
Surge Period	1 s ~ 999 s
Surge Count	1 ~ 9,999
Surge Impedance	20 m Ω /500 m Ω

General Parameters

Working Power	AC 100 V ~ 250 V, $\pm 10\%$, 50 Hz/60 Hz
Failure Detection	LCD display in front panel and stop work when failure occurs
Working Status Indication	LED indication and LCD display
Max. Power Consumption	1,200 W
Dimension	8U rack, 380 mm (H) * 620 mm (D) * 450 mm (W)
Weight	Approx. 35 kg
Atmospheric Pressure	86 kPa ~ 106 kPa
Ambient Temperature	15°C ~ 35°C
Relative Humidity	45% ~ 75%, RH (no condensation)

Standard Accessories

Power Cord, User Manual, Test Cable, Grounding Wire

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