

DOW-CG1

FULL SOLUTION FOR DAMPED OSCILLATORY WAVE TESTING



Generator Versions

	PN	Product Name	Possible Tests	Standards
DOW-CG1 is available in 5 versions. Basic versions can be later upgraded at EMCP to a full Version (S-F-I).	108010	DOW-CG1 S	Only Slow Wave	IEC61000-4-18, -10, ANSI C37.90
	108011	DOW-CG1 S-F	Slow & Fast Wave	IEC61000-4-18, -10, ANSI C37.90
	108012	DOW-CG1 S-F-I	Slow & Fast Wave, Insulation	IEC61000-4-18, -10, ANSI C37.90, IEC60255-27
	108013	DOW-CG1 S-I	Slow Wave, Insulation	IEC61000-4-18, -10, ANSI C37.90, IEC60255-27

Features

- › 7" colour touchscreen
- › High performance built-in CDN
- › EUT overcurrent protection
- › Supports up to 7 Languages
- › Active EUT Power monitoring

Benefits

- › Precise, mature technology
- › High quality waveforms
- › Three generators in one box
- › Broad range of accessories
- › Unbeatable test levels

Accessories

Software Suite

TEMA3000 enables a fast and effective setup creation and testing controll for professional test labs.

Test Type	Product Name
Slow Wave on I/O lines	CDN-DOW-DATA-LF, CDN-DOW-DATA-HF, CDN-DOW-DATA-HF18
Fast Wave on I/O lines	CN-EFT1000
Magnetic field	MF1000-1, MF1000-2
Calibration	VERI01 OSI, VERI1K-EFT, VERI50-EFT, VERI-CP-EFT

Latest News

- › The new **CDN-DOW-DATA-LF** can be used to apply 4.4 kV Slow Damped Oscillatory Waves on up to 8 unsymmetrical lines or 8 (low speed) symmetrical lines with line current up to 4 A and line voltage 250 V DC-60 Hz. The CDN is suitable for tests as per IEC61000-4-18, but also for a broad range of product standard requirements.
- › The new **CDN-DOW-DATA-HF18** can be used to apply 4 kV Slow Damped Oscillatory Waves on up to 8 high speed symmetrical lines (Gigabit Ethernet) as required in IEC 61000-4-18. The CDN comes with optional RJ45 adapters in order to simplify connection of EUT and AE.
- › The new **CDN-DOW-DATA-HF** can be used to apply 4 kV Slow Damped Oscillatory Waves on up to 8 high speed symmetrical lines (Gigabit Ethernet) as required in IEC 60255-26. Special couplings (differential mode in a pair, one pair to all others floating or grounded) can be easily set in manual mode. The CDN comes with optional RJ45 adapters in order to simplify connection of EUT and AE.
- › **DOW-CG1** is fully complying with requirements from latest IEC 61000-4-10, achieving and exceeding test levels demanded for both 1 x 1 m antenna and 1 x 2.6 m antenna, at 100 kHz and 1 MHz.