

APPLICATION SHEET

# ENERGY GENERATION & DISTRIBUTION



Electrical energy has become essential to our modern way of life. Electricity is still largely generated using conventional means and placed into a power distribution system called the grid. Transmission is then by high voltage overhead cables to substations which transform the high voltage to a much lower level that can be safely used by consumers. From the power generation, through the substations to users, every equipment is subjected to safety and EMC tests to ensure reliability of our power supply.

Test types

- › 1.2/50µs Voltage Insulation
- › EFT/Burst Impulses
- › Combination Wave Impulses
- › 100 kHz Ringwave
- › AC DIPS / Variations
- › AC and Impulse Magnetic Field
- › ESD

Standards

- › IEC 62003
- › IEC 62040
- › IEC 61000-6-5
- › IEC 62040-2

IMU-MGE



Compact generator for EFT/Burst, SURGE, 100 kHz Ringwave and 10/700 impulses up to 8KV. Integrated 16 A CDN. Extend with ESD, Dips/Interrupts and Common Mode.

INS-1250



INS-1250 series generate a voltage impulse for insulation testing. The low energy impulses are ideal for testing without damage or destruction of the test object. This generator is ideal for isolation testing of semiconductor

ESD3000



AA Battery operated handheld ESD Simulator up to 30kV. Modular design with networks for a broad range of standards and applications.

MORE OPTIONS & COMFORT



Touch panel technology and a mature operating system interface IMU generators with the new CDN range enabling greater flexibility and adding new capabilities.

TEMA3000 - SOFTWARE TEST SUITE

Create and manage Tests and Sequences. Integrate DSO measurements in professional reports. Import and export Test Setups and Sequences. Smart test functions and predefined Test Library.



APPLICATION  
INFORMATION