



# Ultra High Voltage DC Dielectric Test Systems and Power Supplies

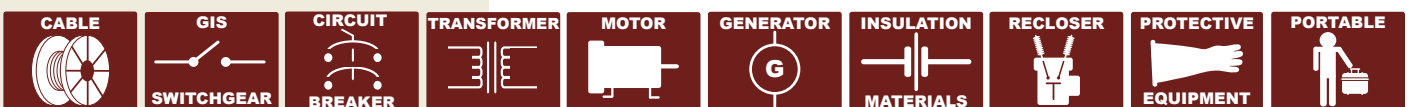
Phenix Technologies delivers proven reliability, innovative solutions, and years of experience for today's DC testing requirements!



**User Interface**

## TESTING APPLICATIONS

- Insulation Testing
  - Cables
  - Transformers
  - Insulators
  - Bushings
- Utility HV Power Supply
  - R & D tests
  - Miscellaneous evaluations
  - Educational demonstrations
- Suitable for performing HVDC withstand tests and partial discharge measurements on all HVDC transmission equipment



## PHENIX ADVANTAGES

- Stackable up to 3 modules in 400 kV or 600 kV increments for higher voltage
- PD free design
- Computerized controls
- High charge current ratings and low ripple voltage output provided by the cascaded full wave voltage doubler design
- Fast motorized polarity reversal
- Combination divider, discharge, grounding device
  - Voltage divider provided for direct voltage measurement in accordance with IEEE Standard 4 and IEC 60060-2
  - Discharge device (optional)
  - Grounding switch (optional)
  - PD measurement capacitors (optional)
- Output series resistor included
- Castors or air pallet for mobility (optional)
- Available with smooth surface FRP insulator housing for laboratory use, or ribbed composite insulator housing for extended operation in an industrial environment



Model 4CCD1200R-20\*

## MODELS

	MODULES	VOLTAGE	CURRENT
4CCD400R-20	400 x 1	400 kV	up to 20 mA
4CCD600R-20	600 x 1	600 kV	
4CCD800R-20	400 x 2	800 kV	
*4CCD1200R-20	600 x 2	1200 kV	
4CCD1800R-20	600 x 3	1800 kV	

High Voltage • High Current • High Power Test Systems and Components

ISO 9001  
CERTIFIED



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