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

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

## MODELS

<table>
<thead>
<tr>
<th>MODULES</th>
<th>VOLTAGEx</th>
<th>CURRENT</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>4CCD400R-20</td>
<td>400 x 1</td>
<td>400 kV</td>
<td></td>
</tr>
<tr>
<td>4CCD600R-20</td>
<td>600 x 1</td>
<td>600 kV</td>
<td></td>
</tr>
<tr>
<td>4CCD800R-20</td>
<td>400 x 2</td>
<td>800 kV</td>
<td></td>
</tr>
<tr>
<td>*4CCD1200R-20</td>
<td>600 x 2</td>
<td>1200 kV</td>
<td>up to 20 mA</td>
</tr>
<tr>
<td>4CCD1800R-20</td>
<td>600 x 3</td>
<td>1800 kV</td>
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</tr>
</tbody>
</table>

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

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