



PD800W Technical Specifications

- **Manufacturer Name:**
Bierer & Associates, Inc.
10730 Farrow Rd.
Blythewood, S.C. 29016 USA
- **Product Name:**
PD800W
- **Product Properties:**
Patented Technology, Shielded Housings, 24Mega Ohm Probes, FCC
Licensed, Self Test Feature in the "T" switch position
- **Functional Description:**
Voltage Detector/Wireless Phasing Meter
- **Minimum Operating Temperture:**
0 degree Fahrenheit (-18 degrees Celsius)
- **Maximum Operating Temperture:**
120 degrees Fahrenheit (49 degrees Celsius)

- **Max. Operating Range:**
100 ft. (30.5 meters) w/interference, 300 ft. (91.4 meters) w/no interference
- **DC specifications:**
N/A
- **AC specifications:**
2kV – 51kV Phase-to-Ground nominal readings in the “OH” and “URD” Voltage switch positions. 120/208 – 765kV Phase-to-Ground in the “DEG” Phasing switch position. Any phasing in the “DEG” position above 69kV is non-contact.
- **Physical Dimensions:**
14.5 in. long (36.8 centimeters) X 4 in. wide (10.2 centimeters) X 7 in. high (17.8 centimeters)
- **Weight:**
2.5 lbs. (.9 kilograms) Meter probe, 2 lbs. Reference probe
- **Applications:**
“OH” and “URD” Voltage switch positions for testing nominal distribution voltages up to 51kV. “DEG” Phasing switch position for testing phase angles/phasing +/- 2 degrees from secondary 120/208 volts to transmission 765kV.