



## **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 Temperature:**  
0 degree Fahrenheit (-18 degrees Celsius)
- **Maximum Operating Temperature:**  
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.