



## UNI-T UTE9802 Power Meter User Manual

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# UNI-T®

**UNI-T UTE9802 Power Meter**



## Product Specification

### IDN?

This query command reads the identification string of the instrument. Return value example  
UTE9802 SN202111051001 V1.12 V0.02

### MEAS:VOLT

Read the measured voltage value. Return value example 220.0V OL Out of range, the same below

### MEAS:CURRE

Read the measured current value. Return value example 5.12A or 500.1mA

### MEAS:POW

Read the measured power value. Return value example 350.02W

### MEAS:PF

Read the measured power factor value. Return value example 0.501

### MEAS:FREQ

Read the measured frequency value. Return value example 50.01Hz

### MEAS:ALL

Read back all measured values at one time: measurement mode, voltage, current, power, power factor, frequency, separated by commas.

**Example** AC,220.1V 5.01A 1103.2W 0.901 49.99Hz

**Example** DC,220.1V 5.01A 1103.2W

**Example** RMS,220.1V 5.01A 1103.2W 0.998 49.99Hz

**MEAS:MODE**

Read the measurement mode. Return value example AC DC RMS AC+DC

**SET:MODE XXX**

Set the measurement mode. Return value example SUCCESS ERR

**RANG:VOLT**

Read the voltage range. Return value example AUTO 75V 150V 300V 600V

**RANG:VOLT XXXX**

Set the voltage range. Return value example SUCC ERR

**RANG:CURR**

Read the current range. Return value example AUTO 500mA 2A 8A 20A

**CURR XXXX**

Set the current range. Return value example SUCC ERR

**CURR:HIG XXXX**

Set the upper limit of current alarm.

**Example** CURR:HIG 5A. Return value example SUCC ERR

**CURR:HIG?**

Read current alarm upper limit value.

**CURR:LOW XXXX**

Set the lower limit of current alarm.

**Example** CURR: LOW 5A. Return value example SUCC ERR

**CURR:LOW?**

Read the lower limit value of current alarm.

**POW:HIG XXXX**

Set the upper limit of power alarm.

**Example** POW:HIG 5W. Return value example SUCC ERR

**POW:HIG?**

Read the upper limit value of power alarm.

**POW:LOW XXXX**

Set the lower limit of power alarm.

**Example** POW:LOW 5W. Return value example SUCC ERR

**POW:LOW?**

Read the lower limit value of power alarm.

**ALAR:DELA?**

Read the alarm delay value. Return value example 0.2S

**ALAR:DELA XXX**

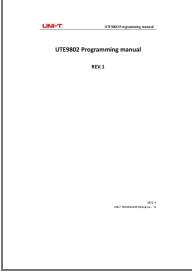
Set the alarm delay value. Return value example SUCC ERR

**STA?**

Read alarm signs, return current and power alarm signs. Separated by commas. Example  
Return NOR NOR Indicates normal.

Return LOW HIGH Indicates current lower limit alarm and power upper limit alarm.

**Documents / Resources**

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|  | <p><a href="#">UNI-T UTE9802 Power Meter</a> [pdf] User Manual<br/>UTE9802 Power Meter, UTE9802, Power Meter</p> |
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