

Ohm's Law

$$E = IR \quad I = \frac{E}{R} \quad R = \frac{E}{I}$$

$$P = IE \quad P = \frac{E^2}{R} \quad P = I^2 R$$

Where,

E = Voltage in volts

I = Current in amperes (amps)

R = Resistance in ohms

P = Power in watts