Ratio of Volts, Amps, Ohms and Watts | **Product Info Sheet**

Volts

Volts = $\sqrt{\text{Watts} + \text{Ohms}}$

Volts = $\frac{\text{Watts}}{\text{Amps}}$

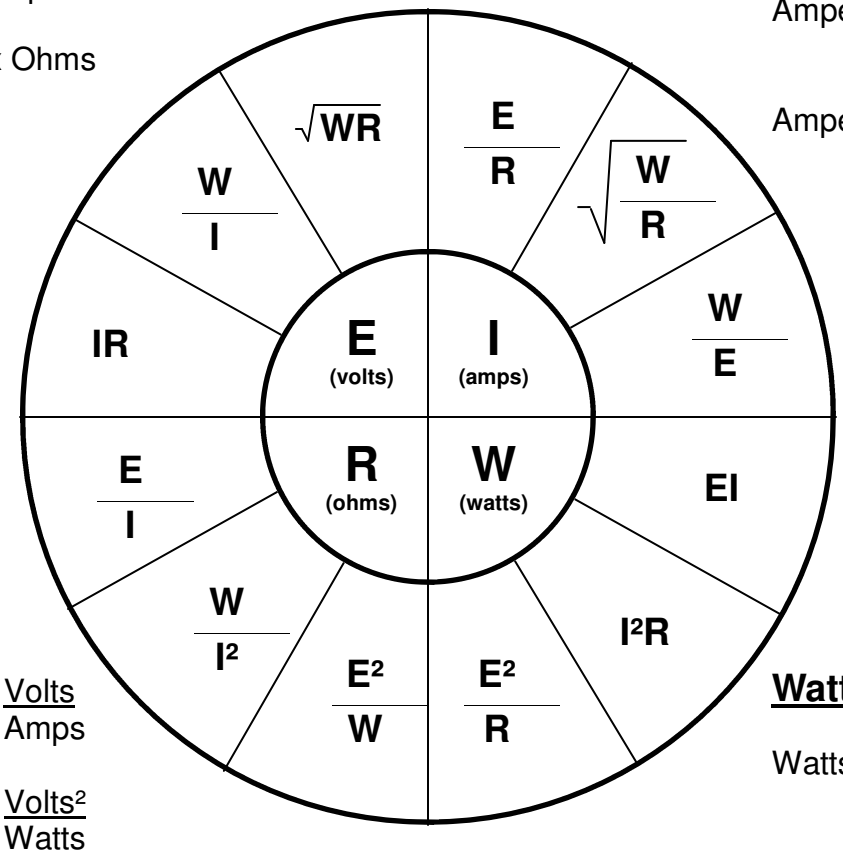
Volts = Amps x Ohms

Amperes

Amperes = $\frac{\text{Volts}}{\text{Ohms}}$

Amperes = $\frac{\text{Watts}}{\text{Volts}}$

Amperes = $\sqrt{\frac{\text{Watts}}{\text{Ohms}}}$



Ohms

Ohms = $\frac{\text{Volts}}{\text{Amps}}$

Ohms = $\frac{\text{Volts}^2}{\text{Watts}}$

Ohms = $\frac{\text{Watts}}{\text{Amps}^2}$

Watts

Watts = $\frac{\text{Volts}^2}{\text{Ohms}}$

Watts = Amps x Ohms

Watts = Volts x Amps

Wattage varies directly as a ratio of voltages squared.

$W^2 = W\left\{\frac{E^2}{E^1}\right\}x^{\ 2}$

3 Phase Amperes = $\frac{\text{Total Watts}}{\text{Volts x 1.732}}$