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**AC/DC** ..... 6

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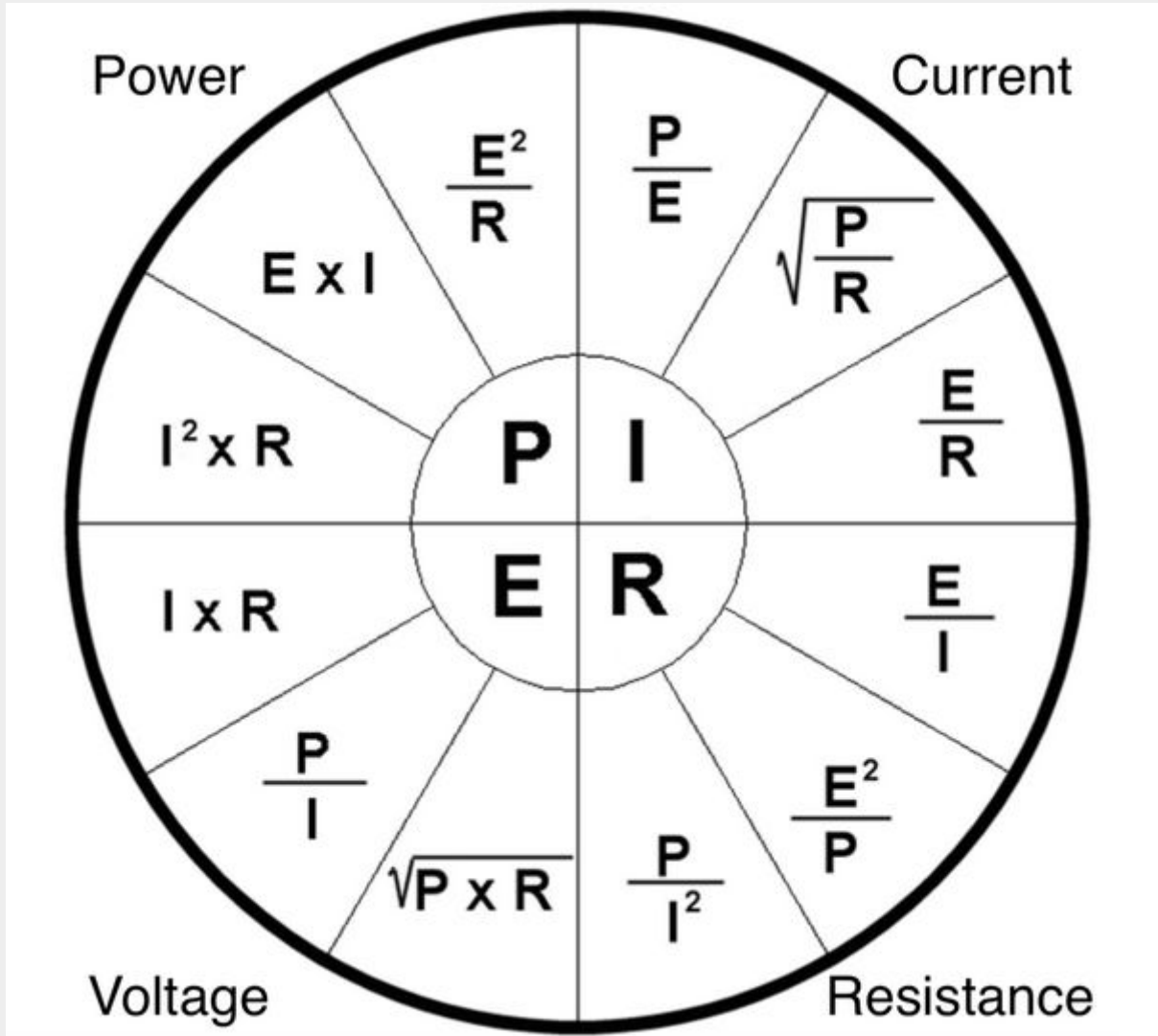
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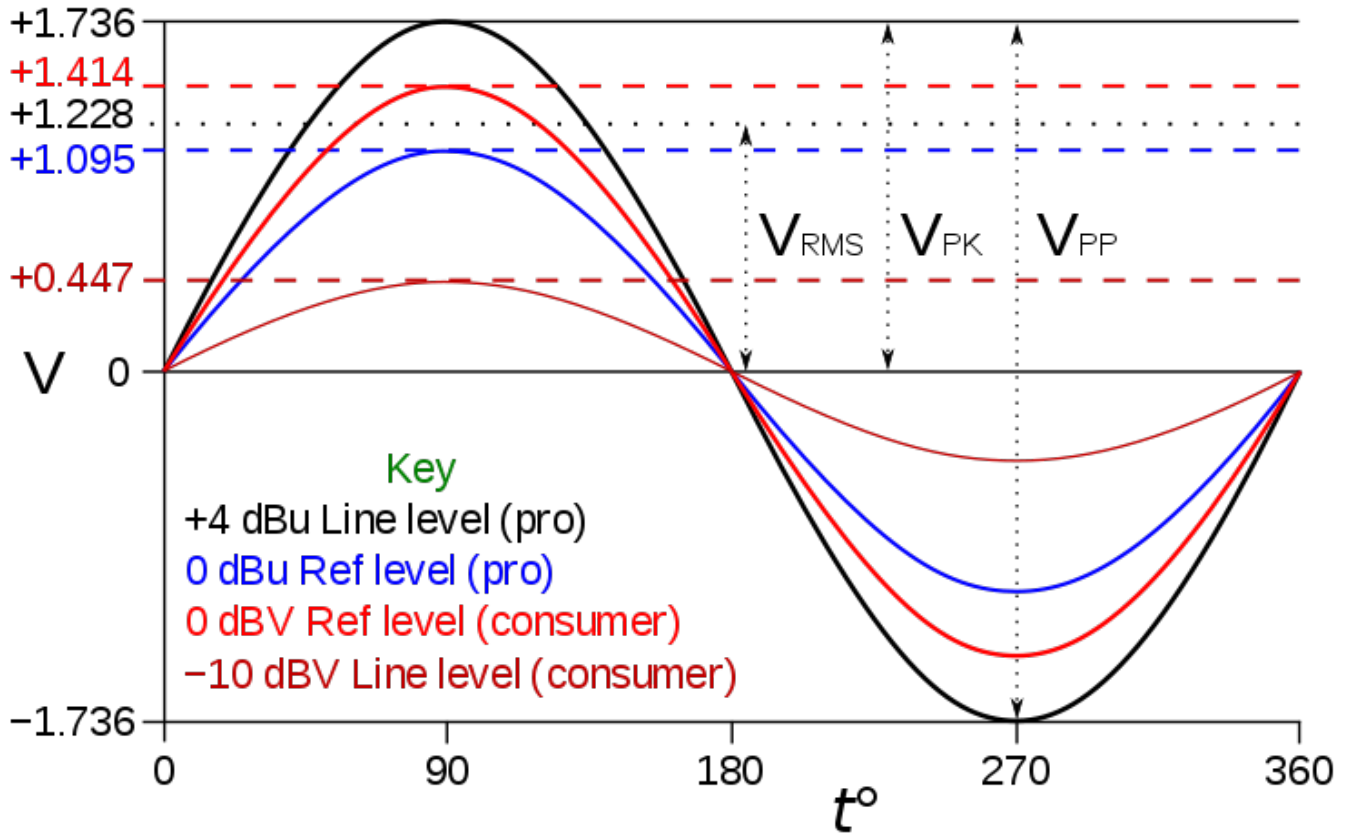
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- **Voltage:** , , , V(Voltage)
- **Intensity(Current):** , , A(Ampere)
- **Resistance:** , 가 , Ω(Ohm)
- **Impedance:** , , Ω(Ohm)
- **Power:** , 가가 . W(Watt)



Voltage



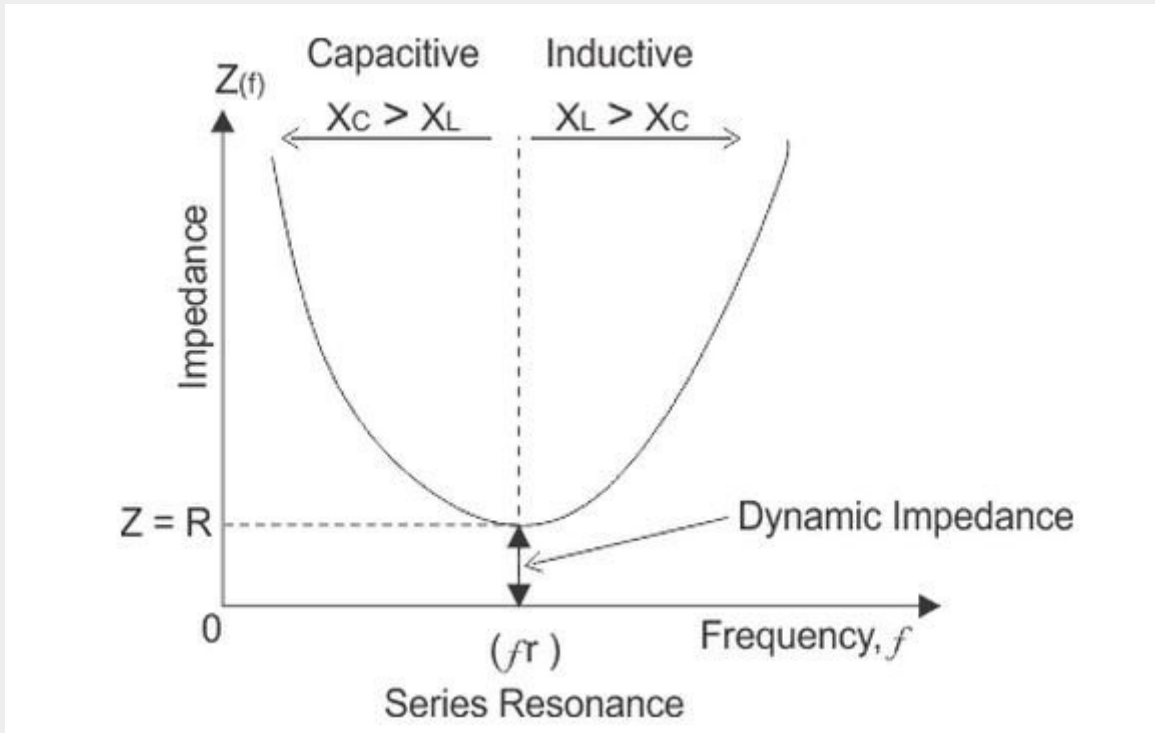
- $V_{rms}$  : RMS
- $V_{peak}$  : Peak
- $V_{pp}$  : Peak to Peak

## AC/DC

- **AC**(Alternating Current, ) : 가 ,
- **DC**(Direct Current, ) : 가 가 ,

## Impedance, $\Omega$ , Z

- , Resistance = -
- , Capacitance = 가 -
- , Inductance = 가 -



Impedance = Resistance + Capacitance + Inductance

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...

Power, **Watt**, VA, ,

가

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- 
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SPL

DC

DC

. 5V, 12V

X = Watt

) 5V 1A = 5x1 = 5 Watt

가 AC

AC

220V<sub>rms</sub>

가 DC

X = VA

V x A = Watt

Watt

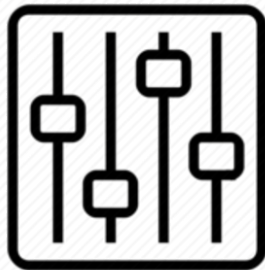
, Watt = 220VA

, 220V

)

- 220V 10A = 2200VA
- 220V 10A = 2200W





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