

Chapter 12

CURRENT ELECTRICITY

Electric Power:

The rate at which electric energy is consumed (or) dissipated in an electric circuit.

$$P = VI \text{ or } P = \frac{I^2}{R} \text{ or } P = \frac{V^2}{R}$$

SI unit: Watt

- 1 Kwh = 3.6×10^6 Joule
- 1 Kwh = 1 Unit of electrical energy