The device called Voltage regulator is like a rectangular box. It has two digital windows, a plug head, and three outlets for 220 voltage of electricity.

It accepts the input of domestic voltage.

If domestic voltage is below 220 volts e.g. 180 volts, it raises to 220 volts.

When domestic voltage rises above 220, it lowers to exactly 220 volts.

Therefore, via this voltage regulator, domestic refrigerator can function optimally because it needs stable voltaged-electricity.

The only electrical appliance is best to utilize voltage regulator.

If two or more electrical appliances were used simultaneously, it raised heat, and could draw short circuit, fire hazard.

Is the voltage regulator a computer?

Yes, it is an early computer. When functioning, it is ever calculating domestic voltage.

Moreover, it is a mechanical advantaged machine. Because it raise up to 220 volts when there is lower voltage.

It is also a step down transformer as it lowers voltage whenever domestic voltage is higher than 220.

The voltage regulator is a very, very useful electrical device in Myanmar.

Technologically to sat, the voltage regulator is based on

-capacitors’ properties

-resistor’s work

-transformer basics (both step up and step down), and

-machine intelligence.

How about your views and ideas on it.

Htein Lin Aung