

a tour of new features

tips

Working of Voltage Stabilizer

Learn



We have features for every step of the way

Introduction on Voltage Stabilizers?

- Power supply is erratic at most places in India.
- Voltage fluctuation is a regular feature in every household.
- Constant fluctuations in voltage will damage appliances.
- Voltage stabilizers help reduce the problem substantially

What are Voltage Stabilizers?

Voltage stabilizers are basically equipment that stabilize voltage as their name suggests.

Stabilization is done by bringing voltage, when it fluctuates to the desired range.





How Voltage Stabilizer Work

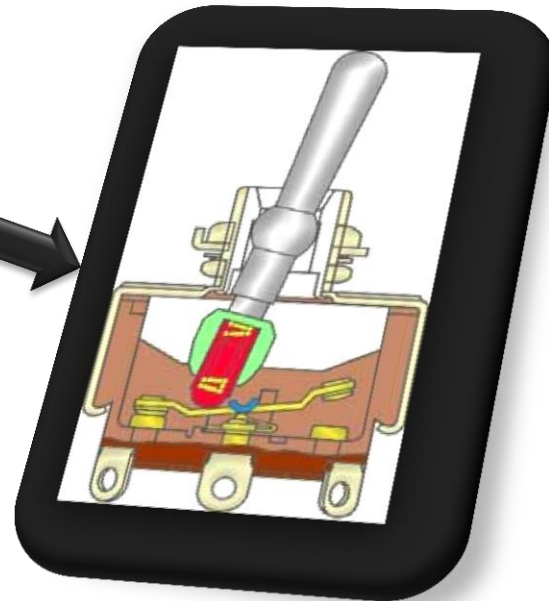
Working of Stabilizers

How they work?

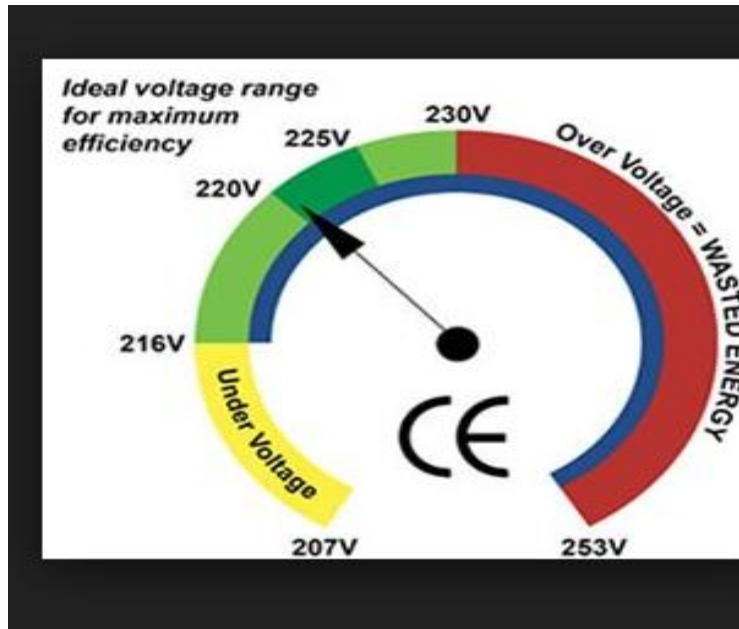


By using electromagnetic regulators that use tap changers with autotransformers.

If the output voltage is not in range a mechanism switches the tap, to change the transformer to move the voltage in acceptable range.



How they work?



It does not give a constant voltage output, but operates the system in a safe voltage range.





How To choose the right stabilizer?

Right choice 

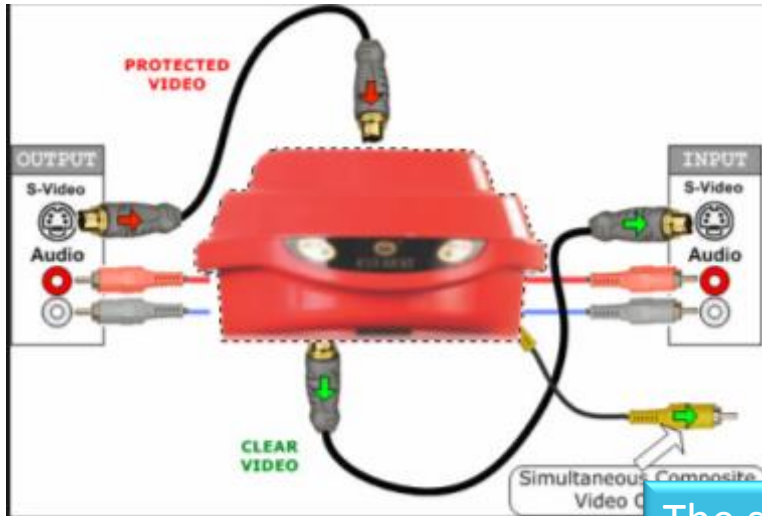
How to choose?



It is important to calculate the load connected to the stabilizer.



How to choose a Stabilizer?



The sum total of the power consumption for all the appliances that will be connected to the stabilizer will give you the load on stabilizer.

Everest Stabilizer gives you the best power consumption



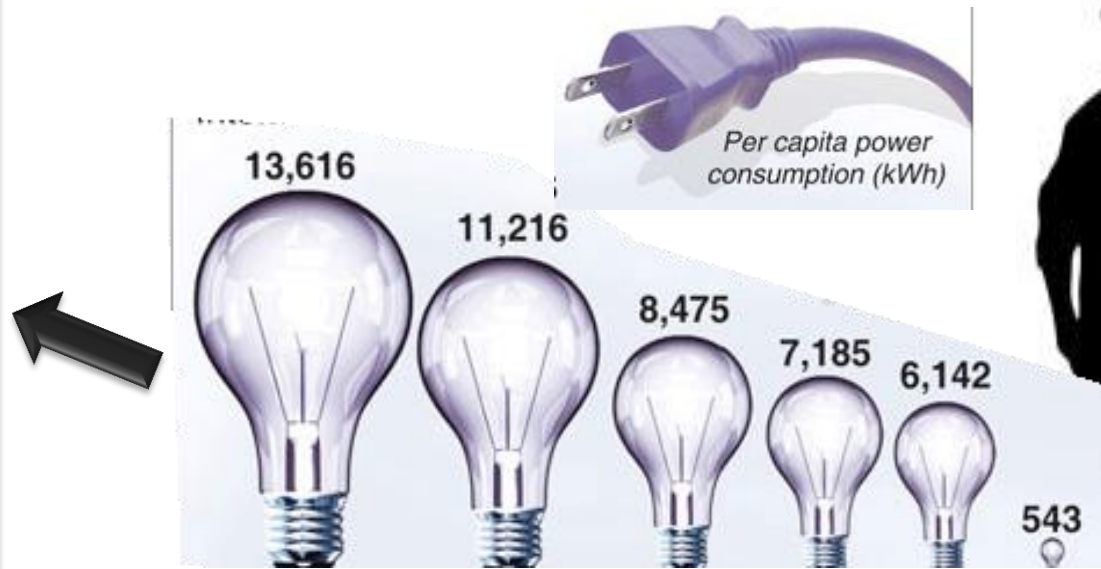


How much electricity do voltage stabilizer consume

Save Electricity 

How much they consume?

Electricity consumption of voltage stabilizers depends on the efficiency of the stabilizer. Typically they are 95-98% efficient. Which means, they consume about 2-5% of the maximum load.



Conclusion

Stabilizers



Air-conditioner >>



TV and Refrigerator >>



LCD/LED TV >>



Always choose a right sized voltage stabilizer and also try to get them for individual appliances rather than for the whole electricity connection.

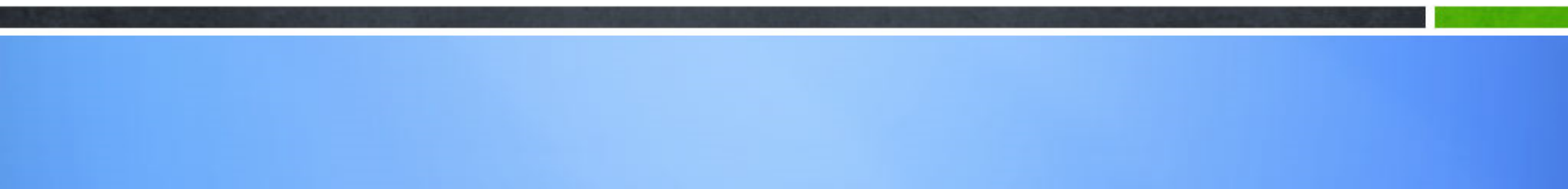


But wait...
What's more

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Choose the Right





Everest Stabilizers for Air Conditioner



Compact AC (Air conditioner) Voltage Stabilizers

Air conditioners are no longer a luxury but a necessity. A voltage fluctuation in the main electric line can damage to your AC compressor. The Everest voltage stabilizers for home use designed especially for ACs can prevent irreversible damage caused due to voltage fluctuation and ensures the longevity of your device.



Equipment	Rating	Model
3 KVA	Regular Deluxe	EW300
	Wide Range	EWD300
4 KVA	Regular Deluxe	EW400
	Wide Range	EWD400
	Digital	DEWD400
5 KVA	Regular Deluxe	EW500
	Wide Range	EWD500
6 KVA	Regular Deluxe	EW600
	Wide Range	EWD600
8 KVA	Regular Deluxe	EW800
	Wide Range	EWD800

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