Inverter: an Essential Device by Wenddymadden

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Inverter is an electric device which comes into action when main power supply gets cut off. It converts direct current, DC, into alternating current, AC that is required to run your electrical instruments. It draws its energy from 12 V battery or several batteries joined in parallel. If you are planning to buy an inverter, keep in mind certain consideration.

There are several models of inverters available in the market. Inverter prices depend upon the model of the inverter you are looking for. Choosing one requires determining your requirements. You need to know what you want to power with your inverter. Though you can connect each and every appliance at home, you need large capacity inverters to connect all. For a larger inverter, you will need larger batteries and cost of your inverter keeps increasing with the size of the battery.

If you really want a cost-effective means to keep your house supplied with power, you can opt to connect essential devices at home with your inverter. You can simply scale down to 1.4 KVA to 2.5KVA inverter for your home use.

There is quick guide to help you find the best inverter to suit your needs.

First list the essential appliances you want to connect to the inverter. Then list the wattage of each appliance. Wattage means the amount of electricity required by an appliance to run. Calculate the total wattage of all appliances which the requirement when all the appliances are on at the same time.

Your backup requirement is the total load multiplied by the total back up time. For instance, if the total wattage of all the appliances is 500 watts and the required back up time is 10 hours, your requirement is 5000W. However, battery requirements are higher because there is some percentage of dissipation and discharge of battery.

There are several brands of inverters available in the market such as Luminous and Sukam. Once you decide upon the capacity,look for certain criteria to choose from different brands.

Get information about the track record of a certain brand. Apart from this, the inverter you are going to buy should have technical support locally available. Other things are reputation of the dealer, customer care, and warranty of the brand. If you have larger budget, you can opt for the inverters which have better features such as pure sin wave, in-built charging system, automation and digital display, battery protection and more.

To have information about the inverter prices in India, you can search online.

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wendy madden is a well known author and has written articles on a inverter prices, a nikon DSLR D5000 price, canon PowerShot S95 price and many other subjects.

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