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The Importance of Power Supplies by Julia Roger

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Power Supplies are a very important feature in our lives today. Humanity has come a long way since the by gone era when people were used to live life without electricity. Power is needed for industrial, agricultural, or even for domestic use. In this modern day the motors are needed for agricultural work. They are used to pump water right up to the fields. Motors are also used in industrial houses. However, in this world of technological developments is it not right that you look at ways to reduce or save energy. Facts will tell you that as much as 65% of electrical energy is consumed by the motor.

Therefore, you can also look up to VSD Drives, which play a huge part in saving energy. It can be referred to as a piece of equipment that regulates the speed and rotational force and torque output of an electric motor. The method of working is quite simple. They are able to save energy as they change the speed of the motor by simply controlling the power that is fed into the machine. These drives are quite important as they help in saving energy.

It has been estimated that these drives save up to 115 million mega watt hours of electricity every year. It can be equivalent to 14 nuclear reactors. The major advantage here is that it reduces emission of carbon dioxide significantly. Facts will enlighten you that if you use a drive in a 30 KW motor which runs 5000 hours every year you can save 76,500 KW of electricity when compared to a motor without a drive. Hence, if you have a motor it is important that you install these drives. As a responsible person you can do your bit to make the earth a pollution free place to live in.

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For more information on a VSD Drives, check out the info available online; these will help you learn to find the a Power Supplies!

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