

Grade 11

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web the block diagram of a linear power supply is as shown in the following figure in spite of the above disadvantages linear power supplies are widely used in low noise amplifiers test equipment control circuits in addition they

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web smmps rely on pwm to control the average value of the output voltage the average value of the repetitive pulse waveform depends on the area under the waveform as load increases output voltage tends to fall most switching power supplies regulate their output using the method called pulse width modulation pwm

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web feb 25 2021 fig block diagram of smmps the working of smmps is clearly explained in the above block diagram and each block is explained properly in the following section input section the input supply of our

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web below is a conceptual circuit diagram of a typical off line smmps this tutorial will introduce you to its basic operation how switching power supply smmps works ac power first passes through fuses and a line filter then it is rectified by a full wave bridge rectifier

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as well as when it is not the diode carries the current during the off period of the transistor therefore energy flows into the load during both the periods

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