

How to check the load current of base station power supply





Overview

What is a base load power station?

The total load on a power station consists of two parts viz., base load and peak load. In order to achieve overall economy, the best method to meet load is to interconnect two different power stations. The more efficient plant is used to supply the base load and is known as base load power station.

What is the difference between base load and peak load power station?

The more efficient plant is used to supply the base load and is known as base load power station. The less efficient plant is used to supply the peak loads and is known as peak load power station. There is no hard and fast rule for selection of base load and peak load stations as it would depend upon the particular situation.

How do you measure power supply current?

If your product relies on stable voltage and current delivery, routine power supply current measurement should be part of your process—especially before deployment or shipment. The most common method for measuring current is to place a multimeter in series with the circuit.

How to measure power supply current in a fixed circuit?

For best results, aim for a reading where the digits are active and not all zeros. This gives better accuracy and makes the data more useful in analysis. For repeated testing in a fixed circuit, placing a resistor of known value in series with the load can be a convenient and effective technique for power supply current measurement.



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Referring to the load curve of Fig. 3.13, it is clear that there are peak demands of load excluding base load. These peak demands of the station generally form a small part of the total load and may occur throughout the ...



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power supply

I'm using an ADP7118 LDO in a battery-powered design. Load current: 15 mA Ground current (datasheet): ~0.19 mA at this load Shutdown mode: Currently not used, but may be ...

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