



WALMER ENERGY

How to check the load current of base station power supply





Overview

How do electronic loads facilitate power supply testing?

Electronic loads can facilitate power supply testing in several ways. They are typically programmable, although most require external DAC programmers. This capability enables finer control over loading values during testing, and can provide the test set operator with valuable status information.

What tools do you need to test a power supply?

The following items will be helpful in your testing endeavors: Multimeter: An essential tool for measuring voltage, current, and resistance. It can help you determine whether or not a power supply is delivering the correct output. Power Supply Tester: A device specifically designed for testing power supplies.

Do I need to test a used power supply before installation?

Yes, testing a used power supply before installation is a vital step to ensure reliability and performance. Before connecting the PSU to any components, perform a basic check using a multimeter or power supply tester to verify that the output voltages are within expected ranges.

How many load settings should be used in a power supply test?

At least two load settings should be used, one of them being the maximum rated load for the power supply under test (see Figure 9 for test configuration). Some power supplies vary substantially in efficiency and power factor as a function of loading.



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