

I noticed that the wattmeter required in a previous document I received "Test Conditions for ENERGY STAR Compliance Measurement for Monitors" stated .1W resolution and the new document you sent states .01W resolution. Which is correct?

This question has been the topic of recent debates for no load power measurements of external power supplies. Many power supplies today have very low no load power consumption, which is so low that distinctions between models are drawn down to the 100th of a watt. Computer monitors typically draw several watts when in standby or off mode. This distinction necessitates a more precise meter for measuring the no load condition of power supplies than what is appropriate for monitors. EPA has found that many common meters are out of their stated accuracy when measuring a small amount of power. Several simply "zero out" when measuring no load conditions. For these reasons, it is necessary to measure the no load of external power supplies with a meter that can measure with a resolution of 0.01W (+/- 2%). This specification is based on IEC 62301 which covers standby measurement protocols. The need for higher accuracy for no load does not affect the specifications for other ENERGY STAR products.

Do you have a list of recommended meters?

The meter EPA has utilized is called a Yokogawa WT200.