

How to Select an AC Power Source

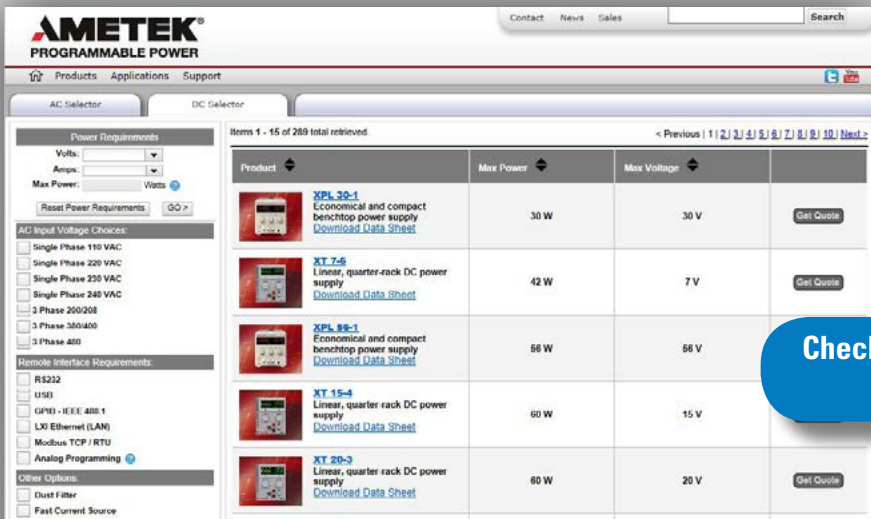
Today's electronic products must work under all types of conditions. Therefore, AC sources used in test applications must not only supply a stable source of AC, they must also simulate power-line disturbances and other non-ideal situations.

Fortunately, today's switching AC power sources are up to the task. Some can even provide both AC and DC outputs simultaneously and make measurements as well as provide power.

Download this white paper now from AMETEK Programmable Power for tips on choosing an AC power source.

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Considerations When Specifying a DC Power Supply

Every automated test system that tests electronic circuit boards, modules or equipment needs one or more DC power supplies. DC supplies provide power to the device under test as well as test stimulus.

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Power Developer



Every automated test system that tests electronic circuit boards, modules or equipment needs one or more DC power supplies. DC supplies provide power to the device under test as well as test stimulus.

In some cases, the supply used to provide power to the DUT also provides a test stimulus by simulating the operating environment. For example, while most automotive electronics run at a nominal 12 VDC, the maximum input voltage may be as high as 27 VDC. Because this is so, some automotive standards require margin testing up to 27 VDC on a 12 VDC device. Necessities such as these determine power supply requirements.

Let's take a look at other common power supply specifications that you need to consider when selecting a power supply for an automated test system.

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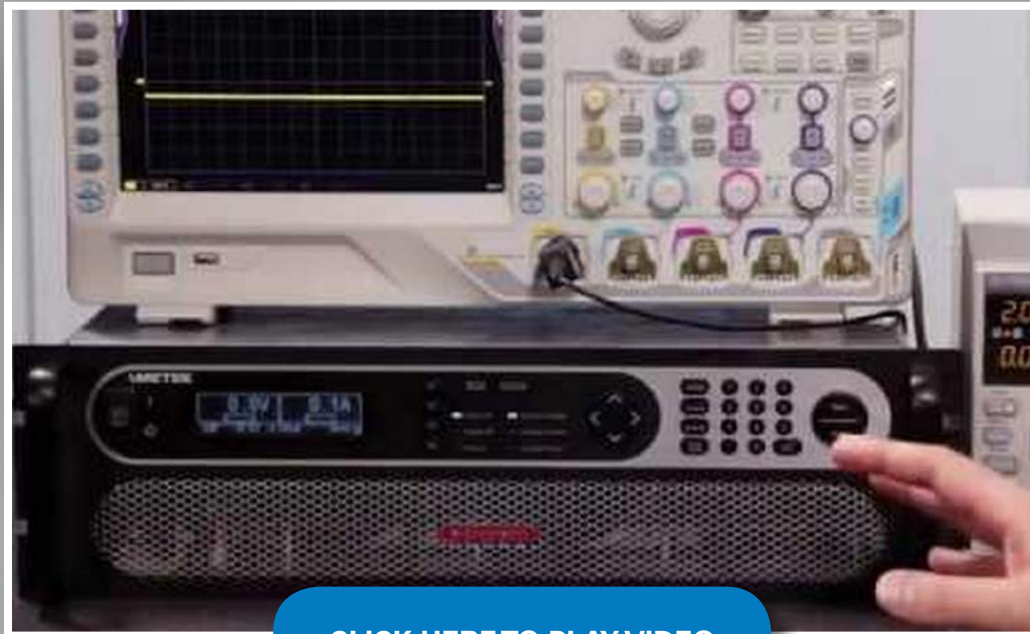
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