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Backup Power Supplies

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TOPIC -----

This article presents some information about backup power supplies.

DISCUSSION -----

Here are a few evaluations done on standby power supplies, which will allow users, should a brownout or power failure occur, to shut down their systems without losing data.

An evaluation in the April 30, 1990, PC Week cited two products:

- SPS300, a 300 volt-ampere device from ITT Powersystems Corp.
- MM300SS, a 312 volt-ampere device from Sutton Designs

Both of these units kept the PC Week system operating for 12 minutes after a power outage.

An evaluation in the February 12, 1990 Infoworld mentioned the following products:

- 600-LS, a 600 volt-ampere device from American Power Conversion Corp.
- Linebacker 300, a 300 volt-ampere device from SL Waber, Inc.
- 650FR, a 650 volt-ampere device from Alpha Technologies, Inc.

This is a heavy-duty supply (128-pound unit needing floor space) that will keep a system working for an hour and a half after a failure.

An evaluation in the April 1989 Byte magazine discussed the following:

- VIP 800, an 800 volt-ampere device from ITT Powersystems Corp. that gave a 10-minute reprieve after a power failure.
- PC/ET, a 360 volt-ampere device from Emerson Electric

This is a small size power supply with 7-minute backup time.

For more information, search under the company names.

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