

34 A simple circuit comprises a source of electromotive force (e.m.f.) connected to a load.

How does the output power P of the source depend on the internal resistance r of the source and the resistance R of the load?

- A** P is independent of both r and R .
- B** P depends on r but not on R .
- C** P depends on R but not on r .
- D** P depends on both r and R .

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