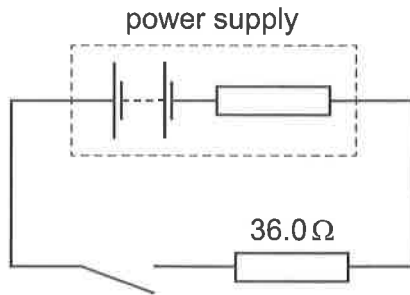


- 19 A power supply is connected in series with a $36.0\ \Omega$ resistor and a switch.



The switch is closed. After 100 s it is opened. During this time, 1800 J of heat is generated in the resistor and 200 J of heat is generated in the internal resistance of the power supply.

What is the electromotive force of the power supply?

- A** 2.8 V **B** 3.6 V **C** 25 V **D** 28 V

