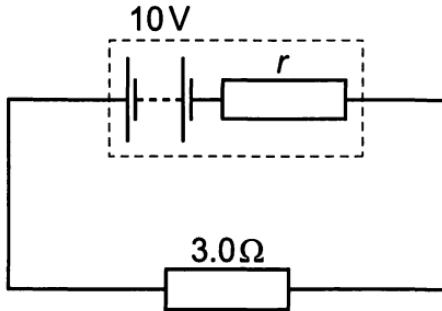


- 21 A 10 V battery is connected to a 3.0Ω resistor. The battery has an internal resistance r and the power dissipated in the 3.0Ω resistor is 12 W.



What is the value of the internal resistance r ?

- A 0.060Ω B 0.50Ω C 2.0Ω D 4.3Ω