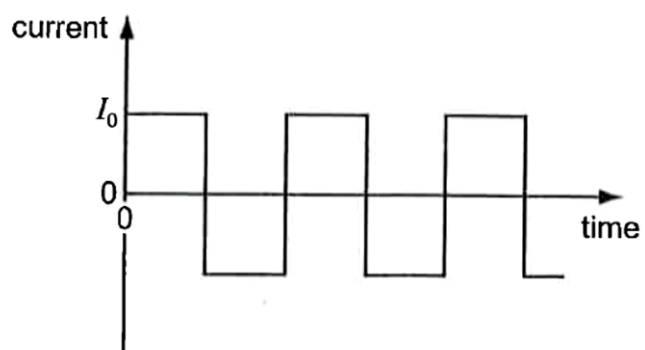


- 27 The graph shows an alternating current with a square waveform.



The peak value of the current is I_0 and the average power dissipated in the circuit is given by P .
What is the new average power dissipated if the peak value is now doubled to $2I_0$?

- A** P **B** $1.4 P$ **C** $2 P$ **D** $4 P$