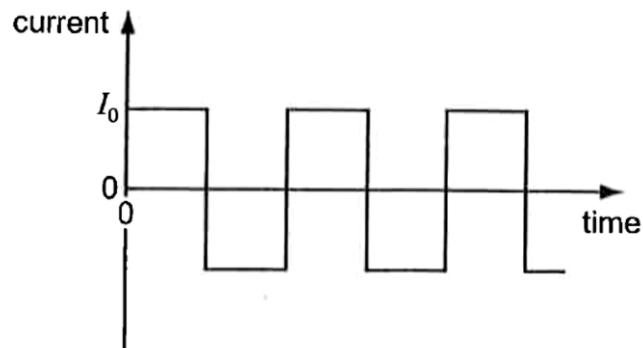


- 27** The graph shows an alternating current with a square waveform.



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 $4 P$