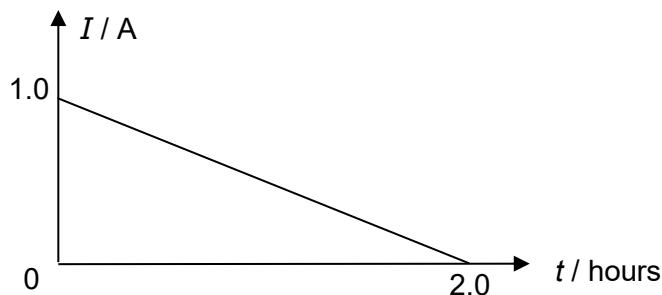


- 19** A portable fan battery is charged by connecting it to a constant potential difference of 6.0 V. The variation with time t of the current I through the battery is as shown.



What is the energy transferred to the battery during the time of 2.0 hours shown in the graph?

- A** 360 J **B** 720 J **C** 22 000 J **D** 43 000 J