

- 21** The potential difference between point X and point Y in an electric circuit is 18 V. The current passing through is 1.5 A and the time taken for charge carriers to move from X to Y is 0.2 s.

What is the change in the energy of the charge carriers as they pass between X and Y?

A 0.017 J

B 5.4 J

C 60 J

D 135 J

