

- 33 A low-voltage supply with an e.m.f. of 20 V and an internal resistance of 1.5Ω is used to supply power to a heater of resistance 6.5Ω in a fish tank.

What is the power supplied to the water in the fish tank?

A 41 W

B 50 W

C 53 W

D 62 W

Space for working