

QUESTION

Figure 1 shows a circuit diagram of a power supply. The power supply is a variable DC voltage source, V_s , connected in series with a resistor, R_s .

The load resistor, R_L , is connected in parallel with the power supply. The load resistor is a variable resistor, and its resistance can be adjusted from 0Ω to 100Ω . The load resistor is connected to the positive terminal of the power supply.



The power supply is connected to a load resistor, R_L , which is connected to the positive terminal of the power supply. The load resistor is a variable resistor, and its resistance can be adjusted from 0Ω to 100Ω .



ANSWER