

OCR (A) Physics A-level PAG 09.2 - Investigating Capacitors in Series and Parallel

Practical Flashcards

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How can the combined capacitance of capacitors in series be calculated?







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The combined capacitance is given by the inverse of the sum of the inverses of the individual capacitances:

$$1/C = 1/C_1 + 1/C_2 + 1/C$$

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Charge = Current x Time Q = I x t







What must you ensure you do when working using electrolytic capacitors?







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Electrolytic capacitors must be connected with the correct polarity in the circuit. The polarity should be checked before switching on the power supply.

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