

What factors influence the capacitance of a capacitor, and what is the formula?

What happens to capacitance if distance between plates doubles?

What happens to capacitance if plate area doubles?

Is the formula for Capacitance on the EX309 sheet, and do you know how to decode its incorrect printing?

What is the unit for the quantity of electricity called, and how is it defined?

What is the formula for stored charge on a capacitor?



REVISION: Q as a measure of CHARGE, the COULOMB

What is the definition of Q both in a wire, and on a capacitor?

• **Measure of charge**

REVISION: What will the charge be on a $22\mu F$ capacitor, if it is connected to a 12 DC supply for several hours?

Example:

What will the charge be on a $22\mu F$ capacitor if it is connected to a 12v DC supply for several hours?