

Answer on Question 37557, Physics, Electric Circuits
We can write for energy

$$W = U \cdot q$$

where q is charge transfer and U is voltage. Hence

$$q = \frac{W}{U} = \frac{3 \text{ MJ}}{12 \text{ V}} = 0.25 \cdot 10^6 \text{ C}$$

answer is $0.25 \cdot 10^6$ Coulomb