Disclaimer!
You do this at your Own Risk!

How to make a 12v to 7.4v battery conversion for a Canon EOS DSLR Camera. This allows you to power your EOS using a 12v source such as a Skywatcher Powertank/Leisure battery, and ensures there's no need for battery swaps mid-imaging run. If you buy a pre-made one then these are ~£40 from Astronomiser etc.
Parts, Tools and Instructions are detailed below.
Note: I've put Maplin codes, links and prices for some of the parts for reference, but they can probably be obtained elsewhere cheaper. e.g. eBay, Farnell, RS Components etc.
Note 2: This is a guide only and I take no responsibility for people breaking their camera!

Parts List:
• Velleman K1823 1A PSU (Maplin VE58N) £9.99
• Plastic Enclosure 75x51x25 (Maplin KC92A) £2.99
• 12v Switch (Maplin N84JZ) £1.99
• 3mm 12v Red LED (Maplin CJ66W) £0.74
• 3mm LED holder (Maplin N85AX) £1.34
• 20mm fuseholder (Maplin CT90X) £1.05
• 20mm fuse 1A (Maplin GJ90X) £0.21
• TO220 Heatsink (Maplin KU50E) £1.14
• Canon 1000D LP-E5 Battery (eBay) £2.19
• 12v Cigarette Lighter Plug & Lead (eBay) £2.75
• Wire ~£0
• Zip ties ~£0
• TOTAL: £24.39
Tools:
• Soldering iron
• Solder
• Glue gun
• Drill
• Stanley knife
• Wirecutters
• Small philips screwdriver
• Multimeter
Instructions:
• Open K1823 kit and complete using enclosed instructions, apart from lying the large capacitor down on its side - so it fits into the case.
• Place heatsink onto TM317, will have to bend the component back slightly so it fits in the case.
• Drill one hole in either end of the plastic enclosure for wires in & out.
• Make holes in enclosure lid for led holder, fuse holder and switch.
• Fit items into lid.
• Cut end off cig plug.
• Measure & cut wires, solder up according to wiring diagram.
• Carefully open LP-E5 battery case & remove battery, but retain contacts. (Can cut down small pcb just to leave contacts, if easier)
• Make a small hole in the battery case for wire to come out of.
• Solder up output wires from K1823 to contacts inside battery case.
• Check everything including all soldered joints.
• Insert fuse into fuse holder.
• Insert cig plug into a 12v source (e.g. Powertank).
• Use multimeter to check output voltage.
• Adjust potentiometer on K1823 board to get correct 7.4v.
• Switch everything off.
• Glue K1823 board into enclosure.
• Fit tie-wraps both sides of wires coming out of enclosure for strain relief.
• Glue battery case back together.
• Switch everything back on & re-check output voltage.
• Screw lid onto enclosure.
• If ok, then insert battery into camera and turn on.

NB for soldering try Mechanic Solder Paste it is a low temp melting solder so goes on easier and looks much neater wink emoticon