



USB Charger for wheelchair or scooter

Even the most hi-tech of communications equipment can rapidly become useless to a disabled person if the batteries are allowed to run down - it is a problem that many wheelchair and scooter users regularly experience if they don't have the manual dexterity to plug a device into a re-charging unit that may be inaccessible or difficult to connect to.

Portset tackled this problem head-on, realising that each wheelchair or scooter already has a 24 volt high capacity power supply built in.

The Portset USB charger is a device which simply connects to the standard wheelchair or scooter power connector and converts the 24 volts to the lower, regulated voltages required to provide charging power to smartphones, satnavs and other types of portable equipment. These devices usually work from a 5 volt supply, so the Portset charger provides a regulated 5 volts to keep the equipment fully charged.

Devices can be charged and powered from this unit whilst on the move, thereby always maintaining full power.



Safety is always a prime consideration with Portset products, and the charger uses current limiting circuits and is fully protected against short circuits.



Dimensions: ABS case with integral USB A socket 40 x 40 x 20mm, 1m lead to XLR plug.
Input current: 120mA for output: 5V 500mA. Resettable current overload fuse trips at 1A output.

Patent Pending

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