

The iCan is a high-energy battery powered by an aluminium soft drinks can. It is an inventive source of recycled power. A single can generates sufficient power to recharge a mobile phone or other USB device.



The low cost, simple nature of the device means it can be used in developing countries (a reading light), refugee camps (run a fan), music festivals (charge an iPhone), boats (emergency light), or even in a classroom as a battery demonstration educational device, green & sustainable marketing giveaways (with your own brand on it, optional) .

## HOW DOES IT WORK ?

The iCan generates power by placing an empty can in the iCan holder and adding water and salt plus an everyday kitchen additive. The membrane in the iCan device allows oxygen to react with the aluminium in the can in a controlled chemical reaction, generating an electric current in the electrolyte. The aluminium is slowly used up as the reaction takes place, and current flows between the electrodes. Some electronics convert the current to a USB smoothed DC current.

The iCan product is uniquely able to provide an off-grid power solution; it offers greater charging frequency and higher power than conventional battery chargers. Furthermore it derives the charge from a waste item – a used beverage can.

## PRODUCTS

Ican	Ican 2
	
<p>The original iCan has a cathode placed internally within the beverage can plus an integral can lid cutter and internal scraper. It has a motor-driven fan, a USB port, a rotatable LED reading light and can interconnect with other iCans or low power DC devices.</p>	<p>The new iCan2 has a larger cathode as the beverage can now sits inside the cathode. This allows more current to be drawn for higher power applications such as smartphones and potentially the iPad.</p>
<p><b>500 - 750 mA* @ 5 Volts via USB 2.0</b> <b>Up to 40 Wh (10300 mAh)</b></p> <p><small>*based on tests on advanced cathode 2012 MAL R&amp;D Ltd.</small></p>	<p><b>650 - 1000 mA* @ 5 Volts via USB 3.0</b> <b>Up to 40 Wh (10300 mAh)</b></p> <p><small>*based on tests on advanced cathode 2012 MALR&amp;DLtd.</small></p>


## PRICE & ORDERS

Minimum of Order : **2000**. Delivery Delay : **3 months for your first order**. Option : **Your Logo**.

OEM Price : **16 GBP + VAT + Shipping from UK** including **one free Can Opener per iCan or iCan2**.

## CONTACT DETAILS

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