

# EcoSocket



The World's Most Advanced USB Charging System

# EcoSocket

## The EcoSocket USP

- Real Energy Saving By Turning Off Mains Electricity After Full Charge
- Complete Charging Of All Products Independently Of Manufacturer
- The Only Charger To Fully Charge Every Configuration Of USB Device
- Full Speed Charging Of The Majority Of Devices Currently Available\*
- Full Protection For All Products To Prevent Damage From Overcharging
- Safety Cut Off In The Event Of Possible Fire Hazard With Audio And Visual Alarm
- Charges All USB Devices From Games Consoles, Phones, Tablets And Computers Etc
- Worldwide Compatibility With All Mains Voltages And Proven Power Supply
- The Market For USB Charging Of Devices Is Worth £-trillions Per Year

\*This is accurate as of the current time and date

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EcoSocket - Operating Instructions

- 1 - Plug In***
- 2 - Press Start***
- 3 - That's It***



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## Genuine Energy Savings

The EcoSocket is the only USB charger available to automatically charge all USB device configurations including those that operate at all different voltages. There are too many USB charged products to list.

Basing the energy savings on the lowest unplugged energy consuming device (just mobile phones) this equates to £3.71 per annum according to NPower. Obviously when games consoles such as the Nintendo Switch or Playstation Portable, personal computers like the Apple MacBook or Dell XPS and tablets like the iPad or Microsoft Surface or the latest smart watches that figure is dramatically increased.

Upon completion of the charge cycle there are some USB chargers available that will go into a low power mode until the next time a product is plugged in. But...

...unlike every other USB charger on the market, the EcoSocket is the only product that physically disconnects the mains electricity from it's circuitry to offer with 100% certainty that it is using no electricity whatsoever. On a global basis the CO2 emissions alone from products not even being used is huge.

The EcoSocket offers the safest way to automatically guarantee energy savings.





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EcoSocket - Normal Operation

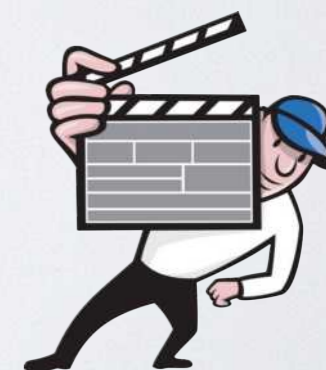
Click The Picture To Play The Video....



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EcoSocket - No Device Attached

Click The Picture To Play The Video....



# EcoSocket

EcoSocket - Overheat Alarm

Click The Picture To Play The Video....





# EcoSocket

EcoSocket - Overheat No One Present

Click The Picture To Play The Video....





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## Constant Fire Hazard Monitoring

USB chargers pose a serious fire risk. In March 2018 Amazon US removed 260,000 affected chargers from their site and all over the world action has been taken to warn of this danger of this fire hazard.

Electrical Safety First Ltd, one of the UK's leading safety companies, discovered that 98% of the USB chargers they tested were dangerous and posed a serious risk. Many of these devices are still on sale.

To counter the threat from fire, the EcoSocket features a built in sensor which constantly monitors the internal temperature of the enclosure every 0.5 seconds whilst in use.

The sensor reacts if the temperature increases to within 10°C of the switch off value and the EcoSocket sounds an audible alert with the LED flashing Red to allow the user to check the device and switch off manually if required.

With or without any intervention from the user, as soon as the switch off temperature is exceeded the EcoSocket will shut down immediately to power down the charger by disconnecting it from the mains and preventing any fire risk.

No other product on the market worldwide offers any form of protection like this.



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## Full Charging And Battery Protection

Since the introduction of smart phones and tablets a decade ago battery charge level has become an important issue because modern devices require significantly more power from their batteries.

To protect the product however means the charge level in the display is often less than it appears and in certain cases a phone showing a full 100% charge is sometimes only charged to 80% of total capacity.

The EcoSocket's onboard computer intelligently identifies the specific protocols created by different manufacturers and then uses the optimal charging pattern for that actual device.

By constantly monitoring the charging status of the device the EcoSocket provides complete battery protection and an independent assessment of charge level.

Once the device is fully charged the EcoSocket switches off the mains electricity.

This EcoSocket prevents damage from overcharging and increases battery lifespan.

The EcoSocket provides longer use between charges with the 100% in the display.





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## Ultra Fast Charging - Worldwide Compatibility

The EcoSocket automatically works everywhere in the world on all voltages between 85-265 Volts AC and it's power supply is one that has been proven in the field of medical equipment for over a decade.

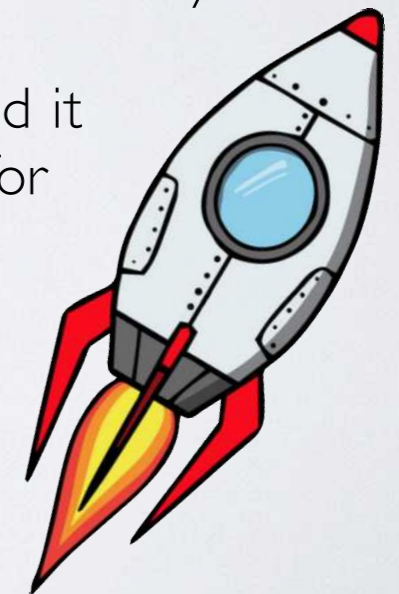
Changes to the USB format has increased the charge voltage to intelligently use 5, 9, 12 or 20 Volts.

The EcoSocket default configuration uses the standard charging pattern and it's charge identification works for all charging patterns and voltages currently available including the latest QC4 settings.

By searching and intelligently identifying the configurations allocated to the specific protocols, the EcoSocket power boost for enabled devices selects the correct output supply voltage automatically.

The EcoSocket uses the optimal charging pattern for the device being charged and it searches the configurations allocated to QC protocols and identifies the power boost for QC enabled devices and selects the correct output supply in order of 9, 12 and 20V.

Default configurations utilise the standard USB charging pattern. Charge identification will work for all current charging patterns and voltages as of the date of manufacture.





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## Worldwide USB Charger Market

USB charging has become so commonplace that almost everything that requires USB voltages to recharge now uses a USB charger. This includes products as diverse as electric toothbrushes and e-cigarettes.

Billions of products using USB charging are in daily use worldwide. The EcoSocket can charge them all.

Nothing operates like the EcoSocket offering real energy savings by switching off the mains electricity after charging is complete. Pressing the START button is all that is needed to restart the EcoSocket.

The EcoSocket offers complete charging of all USB products irrespective of manufacturer and it is the only charger to fully charge every configuration of USB device on the market.

The worldwide marketplace for USB charging of devices is worth £-trillions annually. The EcoSocket is the only charger capable of meeting those requirements.

In the first Quarter of 2018 alone, smartphone sales are over 345.4 million units making the EcoSocket a huge opportunity for any potential investor.

As sales of USB devices increase so does the EcoSocket marketplace.



# EcoSocket

## In A Nutshell

- Real Energy Saving By Automatic Switch Off Of Mains Electricity After Completely Full Charge
- UK Designed And Prototyped To Be Compatible With All Worldwide Manufacturing Safety Standards
- Fire Hazard Protection- Audio / Visual Alarm To Warn Of Overheating Like A Smoke Detector
- Automatic Switch Off Of Mains Electricity On Overheat Without Any Manual Intervention
- Total Protection For All USB Products To Prevent Any Possible Damage From Overcharging
- Full Speed Charging Of The Majority Of USB Devices Currently Available\*
- Complete Automatic Worldwide Compatibility With All Mains Voltages In Use
- Proven Power Supply Used In The Field Of Medical Devices For Over A Decade
- Guaranteed 100% No Standby Charges When Not In Use



\*This is accurate as of the current time and date

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EcoSocket - Basic Business Plan

***Business Plan Goes Here***





## Citations & Bibliographies

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