

## Ventev EcoCHARGE Travel Charger White Paper

The Ventev EcoCHARGE is the most advanced and energy efficient charger on the market today. It is engineered to use only the power necessary to charge a mobile device, and nothing more. When left plugged into a wall outlet, unused, it enters EcoCHARGE mode. The LED turns off and it consumes over 10 times less energy than ordinary chargers. It also recognizes when a device is fully charged and quickly converts to EcoCHARGE mode, minimizing additional energy use.

The EcoCHARGE is extremely intelligent, engineered to detect and respond to even the smallest signals coming from a connected device. Because the EcoCHARGE is built to deliver only the power necessary for charging, it must be able to communicate intelligently with the device's software and battery. This performance monitoring function can sometimes cause the EcoCHARGE LED to blink or pulse, or remain on even after a device indicates full charge.

Some smart phones and other mobile devices are designed to protect their batteries and maximize battery life. Their batteries periodically reach out to the power source, even after the mobile device itself indicates a full charge. This causes the EcoCHARGE to briefly increase its power usage, as indicated by the LED.

Please keep in mind that environmental factors such as excessive heat, battery age, and handset activity may also impact EcoCHARGE performance. To maximize the performance of the EcoCHARGE travel charger and to be more environmentally friendly, please follow these steps:

- Always power down your device during charging
- Whenever possible, charge device in a room temperature environment
- Monitor life and behavior of your battery and replace when necessary. When disposing of batteries, please follow manufacturer and local environmental and regulatory guidelines.