



Competitive Advantage

Components:

Solar Panel

Rayvolution uses a super light sensitive Monocrystalline solar panel vs. Polycrystalline. Monocrystalline's solar convergence rate is 18-20% vs. 10% from cheaper Polycrystalline panels.

Printed Circuit Board

Rayvolution's patented circuit board was designed by a U.S circuit design engineer, was first tested in the U.S., and U.S. engineers over in China through RHP Industries who oversee the production and quality control of our product. Factory used the U.S circuit design and specs adding the battery indicator gauge feature and has a patent on it as well.

Interior Battery

Rayvolution uses a high end memory lithium rechargeable battery like the ones in high quality cell phones. 500+ charges, minimal discharge rate, and holds charge longer than cheaper batteries that only last a few months.

Battery Size: (key in retail price differences between battery chargers both solar and non)

Rayvolution has a 2,000mAh interior battery allowing it to fully recharge every cell phone, PDA and Smartphone on the market with 20% of charge still available

Battery Gauge:

Rayvolution has a battery indicator gauge showing level of charge on the interior battery

Rubberized Casing:

Rayvolution uses a rubberized exterior casing that makes it easy to handle when charging directly outdoors or in other areas such as a car dashboard where temperature levels exceed 100 degrees

Compatibility:

Rayvolution has a full USB port for charging so it can recharge any device that uses a USB cord for recharging, that includes all cell phones, smartphones, MP3 music players, digital cameras, GPS devices, Bluetooths, portable speaker, smart watches, Go Pro cams, and reading tablets (such as iPad, Nook, and Kindle).

Solar recharging:

Rayvolution's solar charger works flawlessly recharging itself through solar power. Many solar products over the past few years have not had the ability to recharge themselves when fully depleted of power without the boost of power from electrical current. Rayvolution does not have this issue.

Quality Control:

Rayvolution has partnered with RHP Industries in Dallas, TX. RHP Industries is an engineering firm who oversees production and quality control on electronic and solar products with offices and engineers in China.